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NATURAL HISTORY INDEX-GUIDE

Natural History Index-Guide

AN INDEX TO 3,365 BOOKS AND PERIODICALS
IN LIBRARIES

A GUIDE TO THINGS NATURAL
IN THE FIELD

*Where and how to find the most important objects of natural
interest in all countries as described in the leading publications
by the popular authors and well-known scientists and explorers
of various nationalities*

BRENT ALTSHELER
Compiler

Second Edition Revised and Enlarged
In 15 Sections, with 23 Divisions



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NOTE. An occasional reference is made to a rare book in the Bibliography, Section 15, and the Library of Congress union catalog symbols are used to tell where a copy is located; as in the entry under Abercromby, John, (M B) means that a copy of *A trip through the Eastern Caucasus*, . . . by Abercromby, is in the Boston Public Library.

A few key-books are designated (U D M), "undeveloped material," the volume not having been examined, but referred to.

For correct page numbers for references, as a rule, see Index or Contents of the various books referred to.

In the interest of brevity the publication address is omitted in the numerous entries referring to well-known periodicals. They are:

Geographical Review, New York

Hygeia, Chicago

National Geographic Magazine, Washington, D.C.

Nature Magazine, Washington, D.C.

Natural History, New York

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Synopsis

	Authors	Headings	References
Geography	643		
Africa		282	2,122
Asia		352	2,350
North America		434	2,276
South America		179	1,073
Europe		197	797
Australia		16	84
Islands		333	1,134
Polar Regions	64	150	653
Total	707	1,943	10,489
Microscopy	49	115	556
Atmosphere	38	54	244
Astronomy	64	149	1,111
Meteorology	28	96	462
Geology	40	254	1,284
Paleontology	20	192	690
Total	239	860	4,347
Botany			
Plants	35	242	996
Flowers	29	466	2,283
Ferns	11	96	289
Vegetables	22	98	558
Fruits	24	95	544
Trees	96	400	2,953
Total	217	1,397	7,623
Zoology			
Insects	37	229	1,736
Butterflies	15	118	452
Moths	14	85	231
Marine Life	19	136	691
Fishes	111	542	2,878
Amphibians	22	105	242
Reptiles	100	290	1,136
Birds	321	1,144	10,560
Mammals	308	738	6,720
Total	947	3,387	24,646
Anthropology	197	859	2,600
Hygiene	25	317	1,184
Food and Drink	11	387	2,107
Equipment		297	1,067
Total	2,343	9,447	54,063

The total number of names of authors and authorities appearing in the main bibliography is 2,275. The number of titles referred to by these writers is 3,365. These figures do not include the supplemental bibliography found in the last pages of the volume, following the main bibliography.

Introduction

The sequence pursued in presenting this work in fifteen sections appears to be the most satisfactory, logical, and natural. For the convenience of consultants the General Index is first, followed by the geographical section. The general bibliography comes last. The relationship between the other sections, 3 to 14, is more or less arbitrary; also between the divisions in the geographical and botanical sections. The order adopted for the eight divisions of the zoological section is not an unanimous choice. Scientists do not entirely agree on the natural relationship between the groups of atoms, ants, oysters, fishes, frogs, snakes, birds, and mammals, as represented in the eight consecutive divisions of animal life, but the sequence used seems best suited to the purpose.

In the first edition of the NATURAL HISTORY INDEX-GUIDE, the bibliography, or list of titles analyzed, came first. For convenience to consultants this new edition is introduced by an alphabetical list of all the subjects referred to. The consultant is expected to start here. This General Index facilitates the use of the book and removes the more or less artificial lines between sections and divisions. It is especially useful for beginners who are unfamiliar with the scientific classifications.

The subjects listed in the General Index are accompanied by the page-numbers, referring to their places in the various sections where the names of the authors and authorities are grouped under their appropriate subject-headings. Under each subject the consultant will find listed alphabetically the names of authors to be consulted. These names carry the consultant further along to the bibliography in Section 15 where the writers' names are alphabetically listed with complete data necessary to find, in the library, the book or magazine publishing the information sought.

In the first edition of this INDEX the asterisk (*) was used liberally to designate writers most frequently referred to. In the second edition this method has been superseded by the use of limited sectional and divisional bibliographies, with abbreviated titles, leaving little use for the asterisk. The authors or authorities selected for each of these limited lists are, as a rule, specialists in the scientific knowledge represented by the respective division or section. An exception to this treatment is the section on geography which is represented by one general bibliography in which only one division, the polar regions, is given a special list of authors. Here travel has been facilitated, discovery prosecuted and literature increased largely through the comparatively recent invention and advancement of aviation assisted by the radio.

In the fifteen divisions of animal and plant life, the authors invariably refer to the English subject-headings under which their works are listed. The corresponding scientific names in Latin are usually given where known. Some authors do not give them. Where a common name calls for a plurality of Latin terms the latter are usually omitted. This occurs where a popular name is a misfit or is loosely applied to different structural forms found in different localities.

The distinction between the singular and plural used in the topics to represent the species and genera respectively is not always scientifically consistent. The singular is sometimes conveniently used where the plural might be scientifically preferred.

In assigning the Latin terms quite a number of the highest authorities have collaborated. Their names are mentioned in the various sections and divisions on which they have collaborated. They are curators serving in the leading scien-

tific institutions and museums, authors of text books and writers of popular books and magazine articles in the sections or divisions their activities represent. The books are referred to for their scientific value and the short sketches in popular periodicals are also valuable for their greater accessibility, especially in the smaller libraries.

Preference has been given uniformly to books and magazines which have their own individual indices, rendering a repetition of page numbers to references not only unnecessary but for several good reasons undesirable. A very small percentage of unindexed books are used and references to them either have been given page numbers or the materials referred to are easily located in lists of contents and illustrations.

No attempt has been made to set up a standard of authority through acts of inclusion or exclusion of writers. Consistent with accessibility, the best information obtainable has been referred to for description of the most interesting common things found in the forests, fields, waters, in the earth, in the skies, in the air, and in human life, as represented in the library records in natural history. This book does not present directly information *per se*. Its purpose is to give leads to information, to tell where and how to become reliably informed on the thousands of subject treated. The INDEX renders more serviceable the many publications on natural history preserved in all libraries for general information. It is neither perfect nor complete—it never could be, but it should be found a useful guide book in natural history and an indispensable library tool.

BRENT ALTSHELER

Louisville, Kentucky
March 1940

General Index

Following is an alphabetical list of all the subject-headings which are grouped in the various sections and divisions in which they are classed. There are approximately 9,447 place-names and natural objects in botany, zoology, etc., including their corresponding scientific terms in Latin of about 4,200. Following this index are the various units in which the subject-headings are duplicated over their respective lists of references. The Main Bibliography comes next and, finally, the Supplementary Bibliography.

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NATURAL HISTORY INDEX-GUIDE

Section 2—Geography

In the development of the eight divisions of this section the scope of the original compilation has been nearly doubled as to the number of subject-headings and authorities or authors referring to them. Where the spelling of place-names varies or is in doubt the advice of the American Geographical Society and the geographical division of the Library of Congress has been followed.

The subject-headings for the divisions on Africa, Asia and North America were reviewed by the staff members of Colonel Lawrence Martin, Chief, Division of Maps, Library of Congress and acknowledgment is due for improvements in the spelling and modernization of place names, but in these divisions as in others remaining mistakes are chargeable to the compiler.

Acknowledgment is due Miss Elizabeth T. Platt, Librarian, American Geographical Society, for suggestions concerning the divisions on South America, Europe, Australia, Islands, and Polar Regions.

The authors of the key-books, as a rule, being travelers, field naturalists, explorers, adventurers and hunters, nearly all the author names appear under place names or geographical subject-heading. They are the places where the animals and objects of popular interest were found, and their descriptions of countries are limited largely to the field of natural history. The following list of 605 authorities is classified with stars (*) to indicate frequency of reference rather than preference of authority, to facilitate research.

A special bibliography of Arctic and Antarctic travelers and explorers may be found in the Polar Regions Division of this Section.

- | | | |
|---------------------------------------|--|----------------------------------|
| Abercromby (Caucasus) | Atkinson, T. W. (a b) (C. Asia, etc.) | Baum (Abyssinia) |
| ***Abruzzi (Africa) | Audubon (c) (U.S.) | Baynes (a—e) (New Hampshire) |
| Abruzzi (Asia) | Austin, H. H. (E. Africa, etc.) | Beebe, M. B. (Venezuela, etc.) |
| Adair (Asia) | Azara (Paraguay) | Beebe, William (a) (Bermuda) |
| Adalbert (Brazil) | | Beebe, William (b) (Himalaya) |
| Adams, A. (China) | | Beebe, William (c) (Galapagos) |
| Adams, A. L. (Asia) | ***Baden-Powell (a) (Australasia) | Bell, G. L. (N. Africa, etc.) |
| ***Adams, J. C. (California) | *Bagot (C. America, etc.) | Bell, J. M. (Arctic America) |
| Adanson (W. Africa) | Bailey, G. S. (Kentucky) | Bell, W. A. (Colorado) |
| ***Aflalo (a) (Europe) | Bailey, H. (Congo) | **Bell, W. D. M. (Africa) |
| **Aflalo, (b) (Asia) | Baillie, Mrs. W. W. (C. Asia, etc.) | Bennett, E. (Kenya) |
| *Agassiz, A. (b) (N. Pacific) | ***Baillie-Grohman (a b g h) (C. Europe) | Bent, A. C. (Bering Sea) |
| Agassiz, A. (a) (C. America) | ***Baillie-Grohman (c) (Brit. Columbia) | Bentley, R. (Brit. America) |
| Agassiz, L. (Brazil) | ***Baillie-Grohman (c) (West U. S.) | ***Bickmore (Australasia) |
| ***Akeley (Africa) | ***Baker, S. W. (a) (Abyssinia) | Bicknell (Australia, etc.) |
| Alexander, B. (Africa) | ***Baker, S. W. (b c) (Ceylon) | Biddulph (Afghanistan) |
| Alexander, J. E. (S. W. Africa) | ***Baker, S. W. (d f) (C. Africa) | Bigg-Withers (Brazil) |
| Allan, A. (Kuril Is.) | ***Baker, S. W. (e) (Cyprus) | Bingham (Colombia) |
| Allen, J. A. (b) (Alaska) | *Baldwin, J. H. (India, etc.) | Bishop, Mrs. (a) (Sandwich Is.) |
| Allen, J. A. (c d) (West U.S.) | *Baldwin, W. C. (S. Africa) | *Bishop, Mrs. (c) (Persia, etc.) |
| **Anderson, A. A. (S. Africa) | *Bales, L. L. (Alaska) | Bishop, N. H. (Chile, etc.) |
| ***Andersson (a—e) (S. Africa) | *Balfour, A. B. (S. Africa, etc.) | *Bland, J. O. P. (Asia) |
| ***Andre, E. (Guianas) | *Barbaro (Persia, etc.) | Bland-Sutton (Nile, etc.) |
| Andrews, C. E. (N. Africa) | *Barnard (Norway) | *Bock (a c) (Australasia, etc.) |
| ***Andrews, R. E. (c—f) (China, etc.) | *Barnes, J. (C. Africa) | |
| Ansorge (Uganda) | *Barns (a) (Congo) | **Bock (d) (Siam, etc.) |
| *Apperley (a) (England) | *Barns (b) (C. Africa) | *Bonaparte (Europe) |
| Arbuthnot (Himalaya) | *Bates (Brazil) | *Bonar (Danube) |
| **Arkell-Hardwick (Kenya) | | *Bonvalot (Thibet, etc.) |
| *Arnold, A. (Persia, etc.) | | Boone (Kentucky, etc.) |
| "Ben Assher" (Sudan) | | |

- Bourne (Patagonia)
 *Bower (Kashmir, etc.)
 Boyle (Borneo)
 Braddon (India, etc.)
 *Bradley (Malay Penin.)
 Bradley, M. H. (a b) (C. Africa)
 Bradley, M. H. (c) (Sumatra, etc.)
 Brinckman (Ladak, etc.)
 *Bronson (Kenya)
 Brooks, H. (C. Colony)
 Brown, C. B. (Brit. Guiana)
 Brown, C. B. (Brazil)
 Brown, J. C. (Finland)
 Brown, J. M. (India)
 Brown, W. H. (S. Africa)
 Browne, W. G. (Sahara)
 Bruce, C. G. (Borneo, etc.)
 Bruce, C. G. (Himalayas, etc.)
 Bruce, J. (Egypt)
 Bryant (California)
 **Bryden (c) (S. Africa)
 *Buchanan (b) (Canada)
 Buchanan (c) (Sahara)
 Buckley (Scandinavia)
 *Bulger (Canada)
 *Bull (Guianas)
 Bulpett (Sudan, etc.)
 Bunbury (Pyrenees)
 Burbidge (Borneo)
 *Burbridge (a) (Alaska)
 Burbridge (b) (Congo)
 Burchell (S. Africa)
 Burckhardt (a) (Egypt)
 Burckhardt (b) (Nile)
 Burnaby (C. Asia)
 Burnes, A. (C. Asia)
 *Burnham (Siberia)
 Burr (Siberia)
 **Burrard (Thibet, etc.)
 Burroughs (c) (Adirondacks)
 Burroughs (d) (England)
 Burt (Maine, etc.)
 *Burton, R. F. (b) (E. Africa)
 *Burton, R. F. (c) (Tanganyika, etc.)
 *Burton, R. F. (d) (Utah)
 *Burton, R. F. (e f j) (W. Africa)
 *Burton, R. F. (g) (S. S. America)
 *Burton, R. F. (h) (Syria, etc.)
 *Burton, R. F. (i) (Ice-land)
 *Burton, R. F. (k) (Arabia, etc.)
 *Burton, R. F. (l) (Kenya, etc.)
 *Burton, R. F. (m) (Brazil)
 ***Burton, R. G. (a) (East & West)
 Burton, R. G. (b) (Asia)
 Bush (Siberia)
 Butler, J. (Assam)
 Butler, W. F. (a b) (British N. America)
 Buxton, E. N. (b) (N. Africa)
 Buxton, M. A. (Kenya)
 Byam (C. America)
 ***Byrd, R. E. (Polar Regions)
 Cabot (Labrador)
 Caldwell (China)
 Calvert, A. B. (S. W. Africa)
 Calvert, A. C. (Costa Rica)
 Cameron (Tanganyika)
 Campbell, D. (Sahara)
 Campbell, D. (C. Africa)
 Campbell, D. M. (Java)
 Campbell, J. (Ceylon)
 Campbell, W. (India)
 Cane (Alaska)
 Cardinal (W. Africa)
 Carey (Tibet)
 Carpenter, D. A. (Mexico)
 ***Carpenter, F. G. (a) (East Indies)
 ***Carpenter, F. G. (b) (N. Africa)
 ***Carpenter, F. G. (c) (S. S. America)
 ***Carpenter, F. G. (d) (Andes)
 **Carruthers (a b) (Mongolia)
 Carson, T. (S. W. U. S.)
 Carstensen (Greenland, etc.)
 Cartwright (Labrador)
 Carvalho (West U.S.)
 Cassin (West U.S.)
 Champion (India)
 *Chandless (Brazil)
 *Chanler (E. Africa)
 Chapin, J. P. (B. Congo)
 **Chapman, A. (b) (N. Europe)
 **Chapman, A. (c) (E. Africa)
 **Chapman, A. (d) (Spain)
 **Chapman, A. (e) (N. Africa)
 **Chapman, A. (f) (Egypt, etc.)
 Chapman, O. M. (Denmark, etc.)
 Cheesman (b) (Iraq)
 Cheesman (c) (Abyssinia)
 Chételat (French Guiana)
 Chetwode (India)
 Christopher (India)
 Christy (C. Africa)
 Church, G. E. (S. America)
 Church, P. W. (C. Turkistan)
 Churchill (S. Africa)
 Clark, J. L. (East & West)
 Cobbold (C. Asia)
 Coillard (C. Africa)
 Collins, P. M. (North Asia)
 Collinson (N. North America)
 Collyns (England)
 Comeau (a b) (Canada)
 **Contarini (Russia, etc.)
 ***Conway, W. M. (a) (C. Asia)
 Conway, W. M. (b) (Alps)
 Conway, W. M. (c d) (Spitzbergen)
 ***Conway, W. M. (e f) (Andes)
 Cooch Bahar (C. Asia)
 Coolidge (Indo-China)
 Coon, C. S. (The Rif)
 Cordier (West Coast N.A.)
 Cory (a b) (West Indies)
 Cory (e) (Florida)
 Cox (India)
 Cradock (New Zealand)
 Crandall (New Guinea)
 **Cron (C. Africa)
 Crown Prince (East & West)
 Cumberland (C. Asia)
 Cumming, C. F. G. (b) (Australasia)
 Cumming, C. F. G. (c) (Ceylon)
 ***Curran (Canada)
 Curzon of K. (Mongolia)
 ***Curzon, G. N. (Orient)
 Dahl, K. (Australia)
 Dahl, K. R. (a) (Greenland)
 *Dall (b c) (Alaska)
 *Dalton (N. South America)
 Darley (Kenya)
 *Darrah (C. Asia)
 ***Darwin (a) (S. S. America)
 *Davidson (North & South)
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 ***De Lesdain (Gobi Desert, etc.)
 **Dell (Andes)
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 ***DeWindt (a b) (The Arctic)
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 ***Dickey (a b) (S. America)
 ***Digby (N. E. Siberia)
 ***Dingle (Asia)
 Distant (S. Africa)
 ***Dodge, R. I. (b c d) (West U.S.)
 Domville-Fife (Sudan)

- Donne (New Zealand)
Doughty (Arabia)
D'Oyly (Hindustan)
*Dracopoli (Kenya)
Drake-Brockman (Somaliland)
Drummond, H. (Tropic Africa)
Drummond, W. H. (S. Africa)
Drury (Madagascar)
Dubois (French Africa)
***DuChaillu (a b c d f g) (W. Africa)
*DuChaillu (Scandinavia)
***Dugmore (a b c e) (Africa)
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*Dugmore (Canada)
***Duguid (Bolivia)
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Dundas, C. (Tanganyika)
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Dunmore (Asia)
Dunraven (a b c) (N. America)
Durand (India)
Durbin (Orient)
**Dutton (Kenya)
***Dyott (a b) (S. America)
- ***Eardley-Wilmot (India)
**Elliot, G. F. S. (Ruvenzori, etc.)
**Elliott, H. W. (Alaska)
**Ellis, W. (Madagascar)
***Enock (The Amazon)
**Ethernott (b) (World's Roof)
*Evans, G. P. (a b) (Burma, etc.)
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- Falkner (Africa, Asia)
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Federmann (North S. America)
*Fife-Cookson (India)
*Filson, J. (Kentucky)
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Fish (Jackson's Hole)
Fitzgerald (Zanzibar, etc.)
Fitzroy (S. S. America)
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***Fleming, P. (a) (Brazil)
Fleming, P. (b) (China)
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*Foa (Cent. Africa)
*Foght (Japan)
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Forbes, H. O. (Australia)
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**Forsyth, J. (Cent. India)
- **Fountain (a c) (N. America)
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**Franck (a) (C. America)
**Franck (d) (Japan)
**Franck (c) (West Indies)
**Franck (e f) (Asia)
**Franck (g) (Moslem World)
**Franck (h) (N. Europe)
**Franck (i) (Mexico)
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***Fraser, J. B. (b c d) (Asia)
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***Galton (a b e) (Africa)
*Gerard (N. Africa)
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*Gillmore (a-o) (World Wide)
*Glasfurd (a-c) (C. Asia)
*Gomes (Borneo)
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***Gordon, T. E. (a b) (World's Roof)
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***Gouldsbury (a b c d) (Africa, Asia)
*Graham (a) (Caucasus)
*Graham (b) (Russia)
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Grey (c) (S. Pacific)
Grimshaw (Australasia)
Grinnell (d) (Alaska)
Grogan (Cape to Cairo)
*Grubb (a b) (Amazon-Andes)
***Guillemard (a b) (Ocean Islands)
- Haardt (a b) (C. Africa)
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**Hanbury (b) (N. Canada)
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Harris, W. C. (a b c) (Africa)
Harrison, B. (W. Australia)
Harrison, G. L. (N. Rhodesia)
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Hassanein (Libyan Desert)
Hayes (Greenland)
***Hedin (a-h k l) (C. Asia)
Highton (Europe)
Hind, H. Y. (Labrador)
Hoefler (C. Africa)
- Holland (S. America)
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**Hornaday (a) (India)
Hough (a b) ("Wild West")
Hubback (Alaska)
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**Huc (a b c) (China)
Hudson, W. H. (a b c) (Patagonia)
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- *Inglis (a b) (C. Asia)
*Inman (a) (Barren Grounds)
*Inman (b c) (Western Trails, U.S.)
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***Irving, W. (a b c) (Pioneer West)
- **Jackson, F. G. (The Arctic)
James, F. L. (a b) (N. Africa)
**Johanson (Amazon-Orinoco)
**Johnson, Martin (a b c d f) (C. Africa)
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**Johnston, H. H. (a-k) (C. Africa)
*Jones, C. J. (B. America)
- **Keane (a-d) (Three Continents)
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**Kinloch (C. Asia)
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- Lamont, J. (a b) (N. Sea Lanes)
*Lander (a b c) (Afasia)
Lange (a b) (Amazon Jungles)
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Lee (Australia)
**Leveson (a b d) (Many lands)
***Lewis & Clark (Pioneer West)
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- Long, C. C. (C. Africa)
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 Lumholtz (a) (Australia)
 **Lyell (a-i) (Africa)
- McCreagh (Ethiopia)
 *McCutcheon (C. Africa)
 *McGovern (a) (Inca lands)
 McGuire (Alaska)
 Macintyre (C. Asia)
 **MacKenzie, A. (N. Canada)
 Mackenzie, G. M. (Turkey in Europe)
 MacQueen (Kenya Col.)
 Madeira (Kenya Col.)
 Mair, C. (Mackenzie Basin)
 Mais (England)
 *Makin (b) (Red Sea)
 March, C. W. (Spanish Penin.)
 **Marcoy (Across S. America)
 **Marcy (b-e) (U.S. plains)
 Markham, C. R. (a b c) (Inca land)
 Markham, F. (C. Asia)
 Marlowe, C. (Black Forest)
 ***Maugham (a-d) (Africa)
 Maw (Andes-Amazons)
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 Maydon (a b) (Africa)
 Meakin (a b) (Moorish empire)
 ***Melville, G. W. (N. Siberia)
 Methuen (S. Africa)
 Millais (a b c h) (Africa)
 Millais (d) (Newfoundland)
 Mills, E. A. (a-e) (The Rockies)
 Mjoberg (Malay Islands)
 ***Morden, W. J. (a-e) (C. Asia)
 Musters (Patagonia)
- Nansen (a-e g) (The Arctic)
 Nesbitt (Venezuela)
 *Newall, D. J. F. (India Highlands)
 *Newall, J. T. (a b) (India)
 *Newall, J. T. (d) (Scotland)
 Nicholson (S. Africa)
 Nilsson (a b) (Scandinavia)
 *Norden, H. (a d) (Australia)
 *Norden, H. (b c e) (Africa)
 *Norden, H. (f g) (Asia)
 ***Nordenskiöld (North Seas)
 Noyes (S. E. Europe)
- Ober (West Indies)
 O'Brien (The Arctic)
- Osborn, C. S. (Madagascar)
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 Ossendowski (b) (N. Africa)
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 Outram (Canadian Rockies)
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- *Pacz (S. & C. America)
 Palmer, J. (U.S. & S. Canada)
 Park, M. (a b) (W-C. Africa)
 Parkman, F. (Oregon Trail)
 *Payer, J. (The Arctic)
 Pease (a-d) (Africa)
 Peel (a) (Somaliland)
 Pellow (Africa)
 Percival (a b) (Africa)
 ***Pereira (China empire)
 *Pérez Triana (Orinoco Basin)
 Petherick (a b) (Egyptian Sudan)
 **Phillipps-Woolley (a-c) (Caucasus)
 *Pickett (Missouri R. Basin)
 Pike, W. (a b) (Sub-Arctic America)
 *Pike, Z. M. (a b) (S. W. U. S.)
 Pinkerton, J. (Many lands)
 Pocock (Mesopotamia)
 ***Pollock, A. (a-e) (C. Asia)
 ***Polo, M. (Asia)
 **Powell, E. A. (a-e) (Afasia)
 Powell-Cotton (a-d) (Africa)
 Przewalska (a b) (Thibet, etc.)
 Prichard (a-e) (All America)
 Prodders (S. America)
 Prorok (a b) (African Terra Incog.)
 Puxley, F. L. (East Africa)
- Radclyffe (Alaska)
 Rankin (Zambesi Basin)
 Raswan (Arabia)
 Reid, W. J. (Asia Unknown)
 Rice, A. H. (Sierra Parima, S.A.)
 Robertson (Orinoco Basin)
 Rockhill (a b) (C. Asia)
 ***Ronaldshay (a c) (C. Asia)
 *Roosevelt, E. (India)
 ***Roosevelt, T. (a-f) (N. America)
 ***Roosevelt, T. (g h) (Africa)
 **Roosevelt, T. (i) (Brazil)
- **Roosevelt, T. & K. (a b) (C. Asia)
 Rothery (Scandinavia)
 **Russell, F. (a b) (Muskox Mts.)
 Ruttledge (Mt. Everest)
 *Ruxton, G. F. (a-d) (Old Wild West)
- *St. John, J. A. (Nubia Desert)
 *St. John, S. (Borneo)
 *Sanderson (India)
 Savile (a b) (Africa)
 Schillings (a-c) (Africa)
 Schwatka (a) (Alaska)
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 Seabrook (c) (French W. Africa)
 ***Selous, F. C. (b c d f g) (Africa)
 **Selous, F. C. (h) (N. America)
 *Selous, F. C. (e) (Asia Minor)
 Semon (Australian Bush)
 **Shakespeare (India)
 ***Sheldon, Charles (b c d) (Alaska & Yukon)
 **Shields (a-e) (The Rockies)
 Shiras (b) (U.S. & Canada)
 *Shklovsky (N-E. Siberia)
 Singer, D. J. (N. & S. America)
 Skottsborg (Patagonia)
 Skrine (C. Asia)
 Smith, A. D. (N. Africa)
 Smith, H. H. (Brazilian Amazon)
 *Smyth (Siam)
 Snow, H. J. (Kuril Islands)
 **Sowerby (a-c) (C. Asia)
 Spears, J. R. (S. A. Horn)
 Springer, J. M. (Heart of Africa)
 Spruce, R. (Amazon-Andes)
 *Squier (a) (C. America)
 Squier (c) (Inca land)
 ***Stanley (a-d) (Dark Continent)
 Statham (Across Africa)
 *Stead, R. (a-c) (World over)
 *Stebbing (a-c) (India)
 ***Stefansson (a-d) (Friendly Arctic)
 **Stephens, J. L. (a-c) (Globe trottings)
 *Stigand (a-h) (Africa)
 Stockley (India)
 Storey (a b) (Asia)
 Stuart, V. (Amazon Forests)
 ***Stuck (a-c) (Alaska)
 *Sutton, R. L. (a-e) (Far and Near)
 Sverdrup (The Arctic)
 Swayne (b) (Africa)

- Swayne (c) (Siberia)
 ***Swettenham (British Malaya)
 Sykes, C. A. (Tropical Nile)
 Sykes, P. M. (Iraq)
 Symington (India)
- Tache (N-W. of America)
 **Tafur (Old World)
 *Tangye (a b) (Africa)
 **Taylor, R. (a b) (Eurasia)
 Taylor, N. (Himalayas)
 Tennent (a c d) (Asia)
 Thomas, B. (Arabia)
 Thomson, John (a b) (Asia & Africa)
 Thomson, Joseph (a b) (Africa)
 Thomson, W. (Brazil)
 Thornhill (Africa under 3 flags)
 Tomlinson (Brazil)
 ***Torday (Tanganyika)
 *Townsend, C. W. (a b c e) (Labrador)
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 **Treatt (b) (Cape-to-Cairo)
 Treves (a) (West Indies)
 Treves (b) (Palestine)
 Trinkler (World's Roof)
- Tschudi (Peru, etc.)
 Tyrrell (a b) (Barren Grounds)
- ***Vambery (C. Asia)
 **VanDyke, J. C. (East Indies)
 Vasse (Mozambique)
 Vernay (C. Asia)
 Vincent (S. E. Asia)
 Vischer (Sahara)
- **Wallace, A. R. (a) (Malaya)
 **Wallace, A. R. (d) (Brazil)
 **Wallace, D. (a b) (Labrador)
 **Wallace, D. (c) (Mexico)
 **Wallace, D. (d) (Rocky Mts.)
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 Wardrop (a b) (Asia)
 Washburn (W. Canada)
 **Wellby (a b) (Tibet)
 ***Wells, C. (a b) (Africa & Asia)
 *Wells, J. W. (Brazil)
 Wells, W. V. (C. America)
- *White, S. E. (a—d) (Africa)
 **Whitehead, J. (N. Borneo)
 *Whitney, C. (a b) (Barren Grounds)
 Whitney, C. (c) (Jungle trails)
 Whitney, C. (d) (South America)
 Whitney, H. (a b) (The Arctic)
 **Whymper, E. (a) (Alps)
 Whymper, E. (b) (Andes)
 Whymper, F. (Alaska)
 Wilcox (Canadian Rockies)
 ***Wilkins (The Arctic)
 ***Wilkins (C. Australia)
 Williams, L. (Amazon)
 Willis (Africa)
 Witsen (N. E. Siberia)
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 ***Wrangell (Polar Seas)
- Younghusband, F. (a b c) (C. Asia)
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- ***Zahm (a b c d) (S. America)

Supplemental List

A supplemental list of short articles of authors and world-wide travelers is selected from the *National Geographic Magazine*, (Full paging and dates given under authors' names in Bibliography, Section 15) as follows:

- Adams, Harriet Chalmers**
 Seven articles respectively on Chile, Paraguay, Madeira, Morocco, Cirenica, Salvador and Australia.
- Bingham, Hiram**
 Three articles on Peru and the Incas.
- Bosson, Mrs. George C. Jr.**
 Three stories, of Sicily, Normandy and Biskra, respectively.
- Burg, Amos**
 Four stories, respectively on Cape Horn, Oregon State, Yukon Trail, and MacKenzie's Polar Trail.
- Byrd, Richard Evelyn**
 Flying over the North Pole, The Arctic and the Antarctic in three articles.
- Chandler, Douglas**
 The transformation of Turkey.
- Chapman, Frank M.**
 Andes, Vera Cruz, Canal Zone and Nevada Deserts, four contributions.
- Chater, Melville**
 Sicily, Yugoslavia, Michigan State, Dalmatia, Albania, South African Union, Kurdistan, North Carolina and the Danube—nine stories.
- Corey, Herbert**
 Isthmus of Tehuantepec, Vermont, Cornwall, and two Mexican stories.
- Darton, N. H.**
 Texas, Bighorn Mts, the Southwest and Mexico, four articles.
- Ellsworth, Lincoln**
 Flight across Antarctica.
- Fairchild, David**
 Plant hunting in the Caribbean, Canary Islands, and Madeira, three sketches.
- Grosvenor, Gilbert**
 Panama Canal region, Russia, Black Hills and Hawaiian Islands. Four stories.
- Hildebrand, J. R.**
 California's coastal redwood realm
- Huntington, Ellsworth**
 Mountaineers of the Euphrates, Afghan Borderland, Asia Minor and Central Asia, four stories.
- Judd, Neil M.**
 Utah State and three stories of Pueblo Bonito.
- Kerby, McFall**
 The Texas Delta of an American Nile.

- La Gorce, John Oliver**
North Atlantic, Jamaica, Florida, Porto Rico, four sketches.
- Langley, Anne Rainey**
I kept house in a jungle (Venezuela)
- McBride, Harry A.**
One description on Liberia and two on Spain.
- Moore, W. Robert**
Garden isles of Scilly. 1938.
Australia, Georgia State, Indo-China, New Zealand, Pyrenees, Siam and Sumatra.
- Murphy, Robert Cushman**
Ireland, Polynesia, South Georgia, Peru, three magazine articles and one book.
- Rock, Joseph F.**
Yunnan, Choni, Minya Konka, Konka Risumgongba, and the Nashi described. Five Chinese stories.
- Shiras, George, 3rd**
Lake Superior, Kenai Peninsula, Panama, and other photographic adventures.
- Showalter, William Joseph**
New York State, Virginia, Cuba, three stories.
- Simpich, Frederick**
Afghanistan, Bahamas, Northern California, Missouri, Brazil, Bible Lands, Argentine, Texas, Singapore, Manchuria, Southern California, the Nile and New Mexico. (Fourteen geographic studies in all)
- Smith, Harrison W.**
Tahiti and Sarawak, two stories.
- Whiting, John D.**
Three stories on Jerusalem, Holy Land and Bible Land.
- Wilkins, George Hubert**
Our search for the lost aviators, in the Arctic.
- Williams, Maynard Owen**
Greece, Kashmir, Yellow Sea, Afghanistan, Tunisia, Czechoslovakia, Corsica, Cypress, Liechtenstein, Bulgaria, Latvia, Luxemburg and Bali and points East.
- Wood, Junius B.**
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- Worcester, Dean C.**
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 Hrdlicka (a)
 *Johnston, H. H. (c)
 Keane (d)
 MacDougal (b)
 Prorok (a b)
 St John, J. A.
 Simpson, G. E.
See also Egypt; Sahara
- Limpopo or Crocodile R.**
 Barrett, O. W.
 Churchill
 *Gordon-Cumming, R. (a)
 Hamilton (b)
 Harris (a)
 Kerr
 Methuen
 *Selous, F. C. (b g)
 *Selous, P.
 Serpa-Pinto
 Vardon
See also S. Africa
- Loa R.**
 Stanley (b)
See also Congo
- Lomami or Boloko R.**
 Hinde (b)
See also Congo
- Longwe R.**
 Selous, F. C. (b)
See also S. Africa
- Lorian Swamp**
 *Chanler
 Curle, A. T.
 Dracopoli
 *Johnson, Martin (f) p.76
 Percival
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- Lualaba R.**
 Hinde (b)
 Magee
 Springer
See also Congo
- Lukanga R.**
 Fraser, D. C. (a)
 Selous, F. C. (b)
 Stanley (b)
- Lukuga R.**
 Hinde (b)
 Stanley
See also Congo;
 Tanganyika
- Lulua R.**
 Stanley (b)
See also Congo Free State
- Madagascar (French)**
See Ocean Islands
- Mahenge or Mahongo Distr.**
 Puxley
- Makongo River**
 Casati
 Rankin
See also Equatoria
- Mara River**
 White, S. E. (b)
See also Equatoria;
 Tanganyika
- Marotseiland**
 Gibbon, A.
- Marsabit**
 *Arkell-Hardwick
 Johnson, Martin (a)
 Patterson (b)
 Percival
See also Kenya Col.
- Mashonaland**
 Brown, W. H.
 Churchill
 Coryndon
 Kerr
 *Maugham (c)
 *Selous, F. C. (d g)
 Wood, J. G.
See also Sou Rhodesia
- Matabeleland**
 Brown, W. H.
 Churchill
 Gibbon (b)
 Kerr
 *Maugham (c)
 Oates, F.
 Puxley
 **Selous, F. C. (f g)
 Thomson, W.
 Wood, J. G.
See also Sou. Rhodesia
- Mau (Forest)**
 *Chapman, A. (c)
 Percival
 Sykes, C. A.
 Thomson, Joseph (a)
 Wells (b)
 Willis
See also Kenya Col.

Mayolo

DuChaillu (c)
See also Equatoria

Meru Mt.

Schillings (b)
 *Treatt (b)
 Von der Decken
See also Tanganyika

Mikeno, Mt.

Akeley
 Johnson, Martin (d)

Moeris Lake

Keane (d)
See also Egypt

Mogalla

Treatt

Molopo River

Brown, W. H.
See also S. Africa

Mongalla

Stigand (h)

Monrovia

See Liberia

Morocco, El Maghreb

Adams, H. C. (c)
 Andrews, C. E.
 Blayney

**Carpenter, F. G. (b)

*Coon

*Foa

Hocker (a)

Keane (d)

Loti

Meakin (a b)

O'Connor, V. C. S.

Ossendowski (b)

Pellow

Percy, E.

Perdicaris

Thomson, Joseph (a)

Morumballa Mts.

Faulkner
See also S. E. Africa; The
 Zambezi

Mossamedes

See Angola; Portuguese
 W. Africa

Mozambique

Barrett, O. W.
 Bishop, G. R.
 Guillemard (b)
 Haardt (c)
 Hildebrand, J. R. (c)
 Kerr
 Monteiro
 Puxley
 Vasse
See also Port. E. Africa

Muni, Reo

Vandercook

Murchison Falls

Marston, J.

Naivasha Lake

*Roosevelt, T. (g)
 Tjader
 *Treatt (b)
 Wells

Wollaston

See also Interior Africa;
 Kenya Col.

Nakuro Lake

Chapman, A. (c)
 Hoefler
 *Johnson, Martin (d)
 Schillings
 Treatt (b)
 Wells (b)

Namaqualand or Namaland

Alexander, J. E. (a)
 Anderson
 *Andersson (a)
 Calvert
 Chater, M. (f)
 *Galton (a b e)
See also Cape Colony

Nandi (Forest)

Sykes, C. A.
See also Kenya Col.

Natal

*Baldwin, W. C.
 Brooks, H.
 Chater, M. (f)
 Churchill
 Gillmore (l)
 *Maugham (c)
 Millard
 Nicholson
 Nicolls
 Shooter
See also Orange River

Natron, Lake

White, S. E. (b)
See also Egypt; Libyan
 Desert

Ngami, Lake

Baines
 Baldwin, W. C.
 *Bryden (f)
 Farni
 Galton
 Leyland

*Livingstone (b)

*Selous, F. C. (b g)
See also Bechuanaland;
 South Africa

Niger or Quorra River

Alexander, B.
 Burkhardt
 Dubois, F.
 *Foa
 Glossop
 *Haardt (a b c)
 *Keane (d)
 Landor (d)
 Mecklenburg (a)
 Ossendowski (b)
 Park, M. (b)
 Powell-Cotton (e)
 Priest, C. D.
 *Prorok
 Stead
 Tremearne
 Wilson, J. C.
 Yule (a)
See also Nigeria;
 Timbuctoo

Nigeria

Alexander, B.
 Buchanan (a)
 Fraser, D. C.
 Glossop
 Haardt (c)
 *Keane (d)
 Keith-Roach
 Simpich (d)
 Talbot, P. A.
 Thaw
 Tremearne (b)
 Wilson, J. C.
See also Lake Chad;
 Niger River

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 ***Baker, S. W. (a b)
 **Bell, W. D. M.

Bland-Sutton
 Bridgman
 Bruce, J.
 Bulpett
 Burckhardt
 Butler, A. L.
 Buxton, E. N.
 Campbell, W. D. (b)
 Casati

*Chapman, A. (e)
 Cheesman (B. N.)

*Cron (b)

Dennis, A. P. (a)

Dickinson (b)

*Franck (g)

Grant, J. A.

Grogan

Heuglin

Hoefler

Irby

*Johnson, Martin (d)

*Johnston, H. H. (d e)

Kandt

**Keane (d)

Lloyd, A. B. (b)

Long

Loring

McCreagh

Marston, J.

**Maugham

Maydon (b)

Mecklenburg (a)

*Millais (a)

Oldfield

Osgood, W. H. (f)

*Ossendowski (b)

Packard

Petherick (a b)

Powell (a)

Powell-Cotton (e)

Prorok

*Ronaldshay (a)

***Roosevelt, T. (g h)

*St. John, J. A.

Savile (b)

Schweinfurth

Shay, F.

Simpich (l)

Southworth (b)

*Speke (a b)

*Stead

Swayne (a)

Nile River, Blue, White— Orange Free State*Continued*

Sykes, C. A.

Tafur

*Tangye (b)

*Tinne

**Treatt (b)

Van Dyke

Wells, W.

Werne

Wilson, J. C.

Yule (a)

Nubia

Browne, W. G.

*Bruce

Burckhardt

Dennis, A. P. (a)

Domville-Fife

Irby

*Keane (d)

Ossendowski (b)

*St. John, J. A.

See also Red Sea; Sahara; Sudan**Nubian Desert**

*Baker, S. W. (a d)

Burckhardt

Chapman, A. (e)

St. John, J. A.

See also Sahara; Sudan**Numidia**

Prorok

See also Algeria**Nyam-Nyam**

Petherick

Tinne

See also Egypt; The Nile**Nyasa or N'Yassa Lake**

*Cron (b)

Faulkner

*Haardt (a b c)

Kerr

*Livingstone (b)

Maugham (c)

Packard

Rankin, D. J.

*Selous, F. C. (g)

*Stanley (b)

*Treatt (b)

See also Nyasaland**Nyasaland**

Drummond, H.

Letcher (a b)

*Lyell (e—i)

Percival

Puxley

Rankin, D. J.

Savile (a)

**Selous, F. C. (g)

Shorthouse

Wood, R. C.

See also Brit. Cent. Africa**Okavango River**

Andersson (b)

Selous, F. C. (g)

Wienholt

See also Angola

Balfour

*Bryden (e)

Chater, M. (f)

Churchill

Ellis, W.

Fleming

Gillmore (e)

Kerr

*Maugham (c)

Methuen

Nicholson

See also Orange River**Orange River**

**Andersson (a)

Brown, W. H.

*Bryden (e)

*Gordon-Cumming, R. (a)

Nicholson

*Selous, F. C. (b g)

See also Orange Free State**Oubangi, Ubangi River**

Hinde (b)

Vandercook

See also Congo**Ovampoland**

Galton (a b e)

Selous, F. C. (g)

Paradise Lake

Johnson, Martin (d)

See also Kenya**Portuguese East Africa**

Carpenter, G. D. H. (b)

Faulkner

*Haard

Hamilton, J. S. (b)

Hubbard, W. D. (a)

Kerr

Kirby, F. V. (a b)

Letcher (a b)

*Lyell (f g i)

*Maugham (a)

Percival

Santos

Springer

Sutherland

Thornhill

Vasse

See also Lake Nyasa;

Mozambique

Portuguese West Africa

*Andersson (b)

Barnes

Tams

*Torday

See also Angola**Rand, The**

Barrett, O. W.

Simpich (d)

Red Sea or Arabian Gulf

**Baker, S. W. (d)

*Burton, R. F. (k)

*Chapman, A. (c)

Forbes, R.

Gloucester

Harris

Hoskins, F. E.

Londres

Makin

Maydon (b)

Monfried

Petherick (b)

*Prorok

Savile (b)

**Stanley (c)

**Stephens, L. J. (c)

Tafur

Treat, I.

Tweedy

Wilson, J. B. (d)

Wilson, J. C.

See also Arabia**Rhodesia**

Aitkens

Blaine, N. R.

Brown, W. H

Cooper, A. L

*Cron (b)

Cullen

Dunbar-Brunton (a)

Finaughty

*Gouldsbury (a b)

Hamilton, J. S. (b)

Harrison, G. L.

Hubbard, W. D. (a)

Huntington, E.

Letcher (a b)

*Lyell, D. D. (a g i)

*Maugham (c)

Melland

Murphy, E. R

Nicholson

*Prorok

Savile

Seaman

***Selous, F. C. (g)

Shay, F

Springer

Statham

*Stigand (a)

*Tangye (a b)

Thornhill

*Treatt (b)

Vasse

See also Zambezi River**Rif or Rif Mts.**

Adams, H. C. (e f)

Carpenter, F. G. (b)

Wells (b)

See also Morocco**Rift Valley**

*Barns (b)

*Chapman, A. (c)

*Cron (b)

*Johnston, H. H. (e)

*McCutcheon

*Maugham (c)

Osborn

Percival

Powys

*Selous, F. C. (f)

*Treatt (b)

Wells (b)

Willis

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Keane (d)
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Johnston, H. H. (e)
Marston, J.
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Speke (a)
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Mecklenburg (b c)
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*Chanler
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*Johnson, Martin (f)
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Percival
Rayne
Smith, A. D.
*Stigand (d)

Rumuruti
Barnes
Percival
Sutton (a)

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Ruwenzori or Mountains of the Moon

***Abruzzi (a)
*Barns (a)
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Elliot, G. F. S.
Jack
Johnson, Martin (d)
*Johnston, H. H. (e)
Lloyd, A. B. (a)
Marston, J.
Mittelholzer
Scott, G. T.
Shay, F.
*Stanley (a)
Wells (b)
Willis
Wollaston
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Sahara Desert or The Great Desert

Adams, H. C. (f)
Bosson, Mrs. (c)
Browne, W. G.
Buchanan
Campbell, D.
**Carpenter, F. G. (b)
Chapman, A. (e)
Dubois, F.
**DuChaillu (f)
Dumas
Forbes, R. (b)
*Haardt (a b)
Hassanein (b)
Hyrt (a)
Johnson, F. E. (a)
*Keane (d)

Kearney, T. H. (a b)
Loder
Ossendowski
Pease (b)
Powell (a)
Priest, C. D.
*Prorok
Richardson
Schweinfurth
Seabrook
*Tinne
Tristram, H. B. (a)
Vandercook
Vischer
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See also The Nile

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DuChaillu (f g)

Sankuru River
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Semiliki R.
Casati
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Stanley
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Ault
Dubois, F.
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See also Senegal; Niger River

Sennar
Bruce
Tangye (b)
See also Nile; Sudan

Serengetti Plains
Cron (b)
Hoeffler
Johnson, Martin (d f)
Percival
See also Kenya Col.

Setit, Settite R.
Baker, S. W. (a)
See also The Nile

Shire River & Lake
Faulkner
Kerr
Santos
See also Lake Nyasa; Zambezi River

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Friedmann
Rankin

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*Leveson
*Maugham (c)
Milligan
*Keane (d)
Scully
Seabrook (b)
*Selous, F. C. (a—g)
*Stanley, W. B.
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Sinai Peninsula
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Palmer, E. H.
See also Asia; Red Sea

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Browne, W. G.
Hassanein (b)
Prorok (b)
See also Libyan Desert

Sokoto
Keane (d)
See also The Niger; Nigeria

Somaliland or Somal, British

**Akeley (b c)
Brockman
Burton, R. F. (c)
Drake-Brockman
***Gouldsbury (d)
Inverarity
James (b)

*Keane (d)
Mainwaring
Maydon (b)
Melliss
Moser, C. K. (b)
Newmann, O
Payne
Pearce
Pease (b d)

*Peel (a)
*Percival
Potocki (a)
Powell (d)
Smith, A. D.
Smith, N. B.
Speke (a)
Stockley (d)
*Sutton (d)
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Wolverton
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Somaliland (French)
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Bronson
Hoeffler
Percival
*Roosevelt, T. (g)
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Souf

Johnson, F. E. (b)
Kearney, T. H. (a b)

South Africa

Balfour
Bethell
Bissett
Black, W. T.
Drummond, W. H.
Fitzsimons

*****Galton**

Gibbon, A.
Gillmore (f)
Holmes
Holub
Hyatt
Kerr
Leyland
Lichtenstein

***Livingstone (a b)**

Lucas
Methuen
Napier (b c)
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Nicolls
Oates, F.
Oswell
Rose
Sclater

****Selous, F. C. (b c d)**

Selous, P.
Serpa-Pinto
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***Tangye (a)**

Thomas, T. M.
Thompson, G.
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See also

Basutoland;
Bechuanaland;
Cape Colony;
Natal;
Orange Free State;
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South-East Africa

Baines
Bissett
Black
*Bryden
Burbridge, B.
Burchell
Chapman, J.
Drayson
Fitzsimons

****Galton (a)**

Gillmore (j m)
*Gordon-Cumming, R. (a b c)

Haagner
Hamilton, C.
Patterson
Stevenson

See also

East Portuguese;
Mozambique;
Nyasaland; Rhodesia;
Transvaal

Southwest Africa

Alexander, J. E.

Anderson

*Andersson (a)

*Galton (a b e)

Reade

See also

Angola; Bechuanaland;
Damaraland;
Griqualand;
Mossamades;
Namaqualand;
Okavango River;
Orange River

Stanley, Falls, Mt.

Shay, F.

Stephanie, Lake

Smith, A. D.

Telecki

Sudan, Anglo Egyptian or Nigritia

Adams, H. C. (f)

Alexander, B.

Austin

****Baker, S. W. (a)**

*****Bell, W. D. M.**

Bland-Sutton

Bridgman

Brocklehurst

Bulpett

Casati

Cooper, M. C. (b)

Cotton (E. S.)

Davidson

****Dugmore (b)**

Dumas

Forbes, R. (b)

Fothergill

****Galton (e)**

Hassanein

Heller (b c)

Hodson (b)

James (a)

****Johnston, H. H. (e)**

*Keane (d)

Makin

Mason, M. H.

Melland

*Millais (a)

Mittelholzer

Myers

Oberlander

Petherick

*Prorok

Rayne

Roosevelt, T. (h)

Savile (b)

Simpich (l)

Southworth

***Tangye (b)**

Thomson, Joseph (b)

*Treatt (a)

Tremearne

Tweedy

Williams, J.

Wilson, J. C.

Wylde

See also Nile

Sudan, French

Alexander, B.

Gorer

Haardt (c)

Hassanein (b)

Seabrook (c)

See also Niger; Senegal

Sudd

*Baker, S. W. (d)

*Bell, W. D. M.

Bland-Sutton

Bridgman

*Chapman, A. (e)

*Johnston, H. H. (e)

Lloyd, A. B. (b)

Savile (b)

Simpich (l)

Sykes, C. A.

*Treatt (b)

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Harris, W. B.

Simpich (l)

Wells (b)

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Drummond

See also Transvaal

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Tana River & Lake

****Arkell-Hardwick**

Bennett, E.

*Chanler

*****Dugmore (a)**

Dutton

*McCutcheon

*Madeira

Neumann, A. H.

Norden (e)

Percival

*****Roosevelt, T. (g)**

*****Selous, F. C. (g)**

Smith, A. P.

Thomson, Joseph (a)

Tjader

White (a b)

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Tanganyika (Formerly German East Africa)

Brown, E. D.

Burton, R. F. (c)

Cameron, V. L.

Carnochan

Carpenter, G. D. H. (b)

Casati

*Chanler

*Cron (b)

Drummond, H.

*****Dugmore (c)**

Dundas, C.

Elliot, G. F. S.

Fraser, D. C. (a)

Gloucester

*****Gouldsbury (a b)**

Hinde (b)

Joelson (a b)

****Johnson, Martin (b c d f)**

****Johnston, H. H. (e)**

Kerr

Magee

Mason, M. H.

- Mecklenburg (a b c)
 Neumann, O.
 Rankin
 Schillings (b)
 ***Selous, F. C. (g)
 Springer
 **Stanley, H. M.
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 *Sutton (d)
 Torday
 *Treatt (b)
 *Wells (b)
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 *Carpenter, F. G. (b)
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 *Prorok
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Togoland
 Calvert, A. F.
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Tongaland
 Drummond, W. H.
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 *Anderson
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 **Carpenter, F. G. (b)
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 *Keane (d)
 Kearney, T. H. (b)
 Ossendowski (b)
 Powell (a)
 *Prorok
 Vischer
 Wilson, J. C.
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 Keane (d)
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Tsavo
 **Patterson (a)
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See also Kenya Col.
Tukwe River
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See also S. Africa
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 Adams, H. C. (f)
 *Carpenter, F. G. (b)
 Casserly
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 Johnson, F. E. (a b)
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 ***Abruzzi (a)
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 Ansoorge
 *Barnes
 ***Bell, W. D. M.
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 *Chanler
 *Cron (b)
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 Duke
 *Dutton
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 *Haardt
 Heller, E. (c)
 Jack
 **Johnston, H. H. (c e)
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 Lardner
 Letcher (b)
 Lloyd, A. B. (a b)
 *McCutcheon
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 *Treatt (b)
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See also S. Africa
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Umsweswi River
 Brown, W. H.
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 *Anderson
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 *Selous, F. C. (b g)
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 Barnes
 Bennett, E.
 Carpenter, G. D. H. (a)
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 *Cron

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****Johnson, Martin (d)******Johnston, H. H. (e)**

Long

***McCutcheon**

MacQueen

Marston, J.

Mecklenburg (b)

Melland

Osborn, C. S.

***Percival**

Roosevelt, T. (h)

Shay, F.

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Speke (a)

****Stanley (a c)**

Swayne (b)

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Thomson, Joseph (a)

***Wells (b)**

White (b)

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Wilson, J. C.

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Galton (a b e)

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Cron (b)

Davidson

Davis

Nassau

Studley

Wilson, J. L.

See also Belg. Congo;

Fr. Congo; Guinea

Witwatersrand

Chater, M. (f)

Yalo (Rol)

Petherick (a)

See also Nile**Zambezi River, Zambesia-****Victoria Falls*****Baldwin, W. C.**

Barrett, O. W.

Brown, W. H.

Churchill

Coillard

Drummond, H.

Faulkner

***Foa (a b)**

Gibbon (b)

Hoeffler

Hubbard, W. D

Hutchinson

****Johnston, H. H. (e)**

Kerr

Lethbridge

***Livingstone (b)**

Maturin

****Maugham (b c)**

Nicolls

Noyes, T. W.

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Packard

***Percival**

Santos

Savile (a)

Seamans

*****Selous, F. C. (a—g)**

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Shay, F.

Statham

Thornhill

***Treatt (b)**

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***Wells**

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Zanzibar

Balfour

Burton, R. F. (c1)

Cameron, V. L.

Casati

***Chanler**

Fitzgerald

Hinde (b)

Hoeffler

****Johnston, H. H. (e)**

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Polo, M.

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Younghusband, E.

See also E. Africa;

Indian Ocean

Zembo River

Brown, W. H.

See also S. Africa**Zeraza Mts.**

Gerard (a b c)

See also Algeria**Ziban Desert**

Pease (a)

Powell (a)

Zululand

Chater, M. (f)

Churchill

Drummond

Findlay

***Gordon-Cumming, A. P.**

Hamilton (c)

Hoffman, C.

***Johnston, H. H. (e)**

Kingston

Maydon (b)

Shay, F.

Shooter

Von Hoffman

See also Natal

Section 2. Division 2. ASIA

The geographical records in this Division purport to cover, with information, all continental Asia, except two considerable areas in North Central Siberia, forested watersheds between the Ob and Yenisei and Lena Rivers, also some inhospitable arctic regions further north, and some indefinable areas in Southeastern Asia and the nearby large islands of the South Seas.

The latter are high mountain regions in more or less inaccessible interiors where range the rare and beautiful clouded leopard and marbled cat referred to in the Mammal Division. There is a scarcity of authentic information on the subject of these two large feral species of the widely distributed cat family, but they are reported by natives to range extensively on areas more or less *terra incognita* of the mainlands of Siam, French Indo-China, Burma, Nepal, Bhutan, Sikkim, Assam, Malacca, the Chinese provinces of Fukien, Kwangtung, Kwangsi, and Kweichow and the large islands of Borneo, Sumatra, Java, Formosa, and Hainan.

These observations are made as a result of a survey of the books and magazines referred to in this compilation, and they are recorded in greater detail in A MONOGRAPH OF THE CLOUDED LEOPARD AND MARBLED CAT, issued as a supplement to the first edition of the *Natural History Index-Guide* in November 1936.

- | | | |
|---|---|--|
| Adana
Trowbridge | Altai Mts. or Alta Yin Ula
Adams, A.
**Aflalo, B.
Andrews, R. C. (e)
Bryce, J. (b)
Carruthers, D. (b)
Demidoff
Hollister (b)
**Morden, W. J. (a f)
See also Mongolia; Siberia | Anatolia
Chandler, D. (c)
Chater, M. (g)
Huntington, E. (d)
Imbrie
Percy, E.
See also Asia Minor;
Black Sea; Sea of
Marmora |
| Aden, Gulf
Monfried
Treat, I. | Amernath
Jessop | Angara R.
Nansen (c)
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See also Lake Baikal;
Siberia |
| Afghanistan, Afghan-Land
Biddulph
Burnaby
*Burton, R. F. (k)
Fraser, J. B. (c)
Huntington, E. (c)
Keane (b)
**Morden, W. J.
Powell (e)
**Ronaldshay (a)
Simpich (a)
*Stebbing (b)
*Wells, C. (c)
Weston, H. F.
Williams, M. O (ce)
Yate (N. A.)
Yule
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Rock, J. F. (c d) | Animalaya or Anamullay Hills
Hornaday (a)
See also India Peninsula;
Western Ghats |
| Akabah, Gulf
Prentice, S. | Amu Darya or Oxus River
Burnaby
Cobbold
Dunmore
**Gordon, T. E. (a)
Leveson (b)
**Vambery
Wilbur, L. D.
Wood, J.
Yule (a)
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Bokhara; Pamirs;
Turkestan | Aniuj or Aniuj River
Matiuschkin
Wrangell
See also Siberia;
Tchuktchis |
| Ala Shan Kingdom
Wulsin | Amur or Amoor Province,
River, Bay
Atkinson (b)
Collins
*Morden, W. J (d e)
Nansen (c)
*Whymper, F.
See also China;
Manchuria;
Siberia | Annam or Anam (Fr.)
Coolidge
Dubois, J.
Keane (b)
**Norden (g)
Powell (b)
Smyth
*Sutton (b)
See also Cochinchina;
Indo-China |
| Alastan Mts.
DeLesdaire
See also China | Anadyr R. & Gulf
Digby
Mecking
Mirsky
Nordenskiöld
Whymper, F.
See also Anadyr; Siberia | Anti-Taurus
Chater, M. (g) |
| Aldan River & Mts.
Melville
See also Lena R.; Siberia | | Arabia or Araby
**Burton, R. F.
Cheesman, R. E. (a)
Dennis, A. P.
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Forder, A.
Harris
Hoskins, F. E. |
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Melville
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| Aleppo
Trowbridge | | |
| Allahabad
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See also Ganges R.; India | | |
| Almora
Mumm
See also Himalayas; India | | |

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- Jardine
****Keane (b)**
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 Prentice, S.
 Rutter
 Seabrook (a)
****Stephen, J. L. (c)**
 Thomas, B.
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 Tweedy
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 Zwemer
See also Arabia Deserta
 or Nejd; Arabia Felix
 or Yemen; Petrea or
 Hejaz; Red Sea

Arabia, Gulf

Harris

Arabia Deserta

Van Der Meulen

Arabia Felix

Van Der Meulen

Arabia Petrea

Van Der Meulen

Aral Sea

Burnaby

Evermann

Wilbur, L. D.

See also Asiatic Russia;

Kirghis Steppes

Ararat

Hubbard

See also Armenia

Araxes or Aras River

Nansen (f)

See also Armenia

Argaeus, Mt.

Sterrett

Armenia

Bishop (c)

Chater, M. (g)

*Curzon, R.

*Franck (g)

Graham (a b)

Kennan, G. (b)

Nansen (f)

Percy, E.

Pinkerton

See also Asia Minor;

Caspian Sea; Turkey

Asama, Mt.

Griffis, W. E.

Asia Minor

Baikie

Darrah

Jessop

Huntington, E. (d)

Imbrie

****Leveson (d)**

Percy

Pocock (c)

Powell (e)

****Ronaldshay (a)**

****Selous, F. C. (e)**

Sterrett

Trowbridge

Van Lennep

See also Anatolia; Armenia;
 Black Sea;
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Blanford (b)

Brander

Butler, J.

Cooch Bahar

Dingle

****Eardley-Wilmot**

*Hornaday (a)

****Kinloch**

****Pollock (a d e)**

Porter

*Roosevelt, T & K

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distan; Mesopotamia;

Syria; Tigris

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Atkinson (b)

Bryce, J. (b)

Greely, A. W. (b)

Nansen (c)

*Nordenskiöld

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Baltistan, Bultistan, Little

Tibet

Adair

Darrah

Jessop

*Kinloch

Knight

*Morden, W. J. (a)

*Ronaldshay (a)

Younghusband, F. E. (a)

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Kashmir

Baluchistan, Beluchistan

Abbot, C. G.

Floyer

Fraser, J. B. (c)

*Keane (b)

Pottinger (b)

*Ronaldshay (a)

Sykes, P. M.

Tate

*Vernay

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Bara Bhagal

Tyacke

See also Ladak

Baraba Region

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Bashkos R.

Selous, F. C. (e)

See also Asia Minor

Bash-Kurd or Bashakird

Floyer

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Behar or Bahar

****Burton, R. G. (a)**

D'Oyly

Glasfurd (b)

Inglis (a b)

*Symington

See also Bengal; Ganges

River; India

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See also India

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Baker, E. B.

Baldwin, J. H.

Braddon

Bradley

****Eardley-Wilmot**

Fayrer (a)

****Gouldsbury (c)**

Hallett

*Hodgson (a)

Hooker

*Hornaday (a)

Inglis (a b)

*Morden, W. J. (d)

Pinkerton

"Raoul"

*Sanderson

Simpson, F B

*Stebbing (c)

*Symington

Wardrop (a)

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Blanford (b)

Bruce, C. G.

*Eardley-Wilmot

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*Rockhill (a)

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*Symington

See also Himalayas

Bokhara

- *Burnaby
- Burnes
- Lansdell
- Moser, C. K. (a)
- Nabours
- Pinkerton
- **Vambery
- Yule (a)
- See also* Amu-Darya River; Russia; Siberia

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- Chetwode
- Cooch Bahar
- DeLesdain
- Hallett
- *Ossendowski (a)
- Thom
- See also* India

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- Bartlett, C. H.

- Bird
- Blanford (b)
- Bradley
- Christopher
- Coolidge
- Dingle

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- Ellison
- Evans, G. P.
- Forrest, G.
- Gill, W.
- Grew

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Hume

***Keane (b)**

Lydekker (a—g)

- Maulik
- Murdoch (b)
- Parke
- Pocock (a d)

****Pollock (a d e)**

- Porter
- Reed
- Rock, J. F. (f)
- Scott, G.
- Smith, A. W.
- Smyth
- Stockley (d)
- *Sutton (b)
- Vander Byl
- Vernay (b)
- Vincent
- Whitney, C. (c)
- Younghusband, F. E. (a)
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- Coolidge
- *Keane (b)
- Lydekker (a)
- Moore, W. R. (c g)
- *Norden (f)
- Powell
- Smyth

***Sutton (b)**

Vincent

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Sterrett

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- Treves (b)
- See also* Palestine

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See Kashmir

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- Graham (a)
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- *Phillipps-Woolley (c)
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- *Vambery
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- DeVeer
- See also* China

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- Baillie
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- *Hornaday (a)
- Mainwaring
- Mitchell, W.
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- Storey (b)
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- Wardrop (b)
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- Ault
- Baden-Powell (a)

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- Barrow, G.
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- many

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- Hume
- Jerdon
- Knighton
- Knox
- Maulik
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Powell (e)

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- See also* Assyria; Babylon; Mesopotamia

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- Pereira
- Rockhill (a)
- Sowerby
- Warwick, A. (b)

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- Burnaby
- Caldwell
- Chamberlin, R. T.
- Chapin, W. W.
- Close, U.
- Cobbold
- Collins
- Curzon (b)

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De Windt (a)

Dingle

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Edmunds, C. K.

Fairchild, D. (d)

Fayer (a)

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***Franck (c)**

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Grew

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Kirjassoff

Kossler, H.

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- Pope
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**Rockhill (a b)
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Shelton, A. L.
Skrine
Smith, H. M. (e)
Smyth
**Sowerby (a—d)
*Sutton (c)
Taylor, B. (a)
Teichman
Thomson, John (a)
Wallace, H. F. (b c)
Warwick, A. (a b)
**Wellby (a)
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Wulsin
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Smith, A. W.
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See Great Wall

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*Franck (g)
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**Stephen, C. L. (c)
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*Shakespear
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*Kinloch
*Leveson (b d)
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**Fraser (d)
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*St. John, O. B.
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*Stead
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Chetwode
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**Ruttledge
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Younghusband, F. E. (a)
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 *Roosevelt, T. & K.
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- Fukien Prov.**
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- Ganges River**
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 *Fife-Cookson
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- Gilgit**
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- Goa**
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 **Morden, W. J. (a b f)
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- Gwalior**
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- Hindu Kush Mts.**
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 Williams, M. O. (d)
 Younghusband, F.
 Yule (a)
See also India

Hindustan, Hindostan

Andersson (c)

Burnes

D'Oyly

Hingston (c)

Spry

See also Indian Peninsula**Hunza**

Jessop

Morden, W. J. (f)

Hwang-ho*See* Yellow River**Hyderabad**

Hornaday (a)

Shakespear

See also Deccan; Indian Peninsula**Ilek R.**

Hedin (b)

See also Cent. Asia; Tibet**India**

***Abruzzi (b)

Acosta

Adams, A. L.

**Affalo (b c)

Atkinson

*Baden-Powell (a b c)

Baillie

*Baker, E. B.

Baker, E. C. S.

*Baldwin, J. H.

Ball

Barras (a b)

Beebe, W. (b)

Bevan

*Blanford (b)

*Bonvalot

Braddon

Brander

Brown, J. M. (a)

Bruce, C. D.

Bruce, C. G.

Buckland

Bulger (a b)

Burke

Burnes

*Burton, E. F.

Campbell, W.

Champion

Chandhuri

Chetwode

Christopher

Cooch Bahar

Cookson

Cox

Cummings

Dawson

DeBruin

Dekobra

Demidoff

De Terra, H.

Dingle

Drury

Dunmore, E.

Durand

Du Skene

***Eardley-Wilmot

Egerton

Ellicon

Elliott

Ellison

*Evans, G. P.

Faulkner

Fayrer (a b)

"Felix"

Fenton

*Fife-Cookson

Fletcher, F. W. F.

Floyer

**Forsyth, J.

***Fraser, T. G.

Gardner, Mrs. A.

Garrow

Gilbert (S.I.)

Gillmore (i)

*Glasfurd (a—c) (S.I.)

Glossop

***Gordon, T. E. (a b)

Gordon-Cummings, R.

***Gouldsbury (c)

Grew

Hall, B. (a)

Hallett

Hamilton, B.

Hamilton, D.

Handley

Harrison, J. J.

***Hedin (g k)

Heller, E. (c)

Hicks

Hildebrand, J. R. (b)

**Hingston (c)

Hooker (b)

***Hornaday (a)

Hume

*Inglis (a b)

Jerdon

*Keane (b)

*Kinloch

Kipling

Knight

Kroeber

**Landor (b)

**Leveson (b d)

Lydekker (a f g)

Macintyre

Mainwaring

Markham

Maulik

Miller

Mitchell, W.

***Morden, W. J.

Mumm

Murdoch (b)

Murphy, J. A. (b c)

**Newall, D. J. F.

**Newall, J. T. (a—d)

Noyes, T. W.

Oates

Parke

Percy, R. G

Pocock (a c d)

***Pollock (a—e)

Porter

Powell (e)

Rankin, R.

Reed

Rice, W. (a b)

Robinson

Rockhill (a)

*Roosevelt, E.

Rothfield

Russell, C. E. M.

Sanders, A. H.

*Sanderson

Savory

Schonberg

Senha

Seton-Karr (a)

**Shakespear

Sherring

Simpson, F. B.

Skinner (a)

Skrine

Smith, A. M.

Somerville

Spry

***Stebbing (a b c)

***Sternale (a—d)

Stewart, A. E.

*Stockley (a—d)

Storey (a b)

Sutton

***Swettenham

Symington

**Taylor, B. (a)

Taylor, N.

Teichman

Theophratus

Thomson, W.

Todd (a b)

Trench

Trinkler

Van der Byl

Vernay

Vincent

**Wallace, A. R. (a)

Ward, S. R.

Wardrop (a b)

Webber, T. W.

***Wells, C.

Whitney, C. (c)

Young, E.

Youngusband, Frank

Yule (a)

Indian Ocean

Cole, M. C.

Morden, W. J. (f)

Moser, C. K. (b)

Pillsbury

Woolf, B. S.

Indigirka R.

Wrangell

Zenzinov

See also E. Siberia**Indo-China**

Williams

See also French I.-C.**Indus River**

***Abruzzi (b)

Burnes

**Conway (a)

Featherstone

*Hedin (k)

*Kinloch

*Ronaldshay (a)

Skrine

- Younghusband, F. E. (b)
See also Himalaya; India;
 Ladakh; Punjab; Sindh;
 Tibet
- Iraq**
 Pocock (c)
 Wells, C. (c)
 Whiting, J. D. (a)
 Williams, M. O. (c)
 Wood, J. B. (d)
See also Euphrates River;
 Mesopotamia; Tigris
 River
- Irkutsk**
 Nansen, C.
See also Siberia
- Irrawadi or Irawadi River**
 Bartlett, C. H.
 *Eardley-Wilmot
 Keane (b)
 Rock, J. F. (f)
 Roosevelt, T. & K.
 Smith, A. W.
See also Indian Ocean
- Jabalpur or Jubbulpur**
 Blanford (b)
 Chandhuri
 Keane (b)
See also India Central
 Prov.
- Jammu**
 Jessop
- Jana River**
 Melville
 Wrangell
See also Siberia
- Japan, Nippon**
 Adams, A.
 Agassiz, A. (a)
 Alcock
 Bishop (b)
 *Bland
 Campbell, D. M.
 Collins
 ***Curzon, G. N. (b)
 Curzon of K. (b)
 Deering, M. C.
 Fleming (b)
 Foght
 *Franck (c)
 Griffiths, W. E.
 Jaggar (a)
 King, F. H.
 Kirjassoff
 Kroeber
 ***Nordenskiöld
 Patric, J. (a)
 Price, W.
 *Roosevelt, E.
 Smith, H. M. (a e i)
 Snow
 Taylor, B. (a)
 Tristram, H. B. (c)
 ***Wallace, A. R. (a)
 Weston, W. (a b)
See also Formosa; Korea
- Japanese Alps**
 Weston, W. (a b)
See also Japan
- Java**
 Bickmore
 Bicknell
 **Bock (b)
 Bryant, H. G.
 Campbell, D. M.
 ***Carpenter, F. G. (a)
 Fayrer (a)
 Forbes, H. O.
 Grimshaw
 Hall, M. A.
 Hamilton, D.
 Knott, F. P.
 Lydekker (a)
 Powell (b)
 Roosevelt, T. (o)
 Semon
 Van Der Meulen
 Van Dyke
 ***Wells, C. (a d)
 Whitehead
 Whitney, C (c)
- Jhelum River—Jheel**
 Chandhuri
 Denys
 Morden, W. J. (a f)
See also Kashmir; Punjab
- Jordan River**
 Bell, G L
 Bible
 Bryce, J. (a)
 Franck (g)
 Lamb, H.
 Simpich (n)
 Stephen, J. L. (c)
 Treves (a)
 Tristram, H. B. (b c)
 Whiting, J. D. (a b c)
 Wood, J. B. (d)
See also Palestine
- Judea**
 Kearne (b)
See also Palestine
- Jumna R.**
 Skinner, T.
See also India
- Kabul**
 Simpich (a)
- Kaf Oasis**
 Forder, A.
- Kagoshima Bay**
 Jaggar (a)
- Kampory Sereting**
 Hubback (a)
See also Fed. Malay
 States
- Kamtchatka**
 Agassiz, A. (a)
 Bogoras
 Collins
 Dall (b)
 Hollister (a)
 Kennan
 *Nansen (c)
- **Nordenskiöld**
 Shklovsky
 Smith, H. M. (e)
 Snow
 Whympier
See also Bering Sea;
 Okhotsk; Siberia
- Kandahar**
 Simpich (a)
- Kansu Distr.**
 Bangs
 Close, U.
 DeLesdaire
 Ossendowski (a)
 Pereira
 Rock, J. V. (c)
 *Roosevelt, T. & K.
 Warwick, A. (b)
 Wellby (a)
See also China
- Kara Sea**
 DeVeer
 Nansen (c)
 Nordenskiöld
See also Siberia
- Karakoram Mts.**
 ***Abruzzi (b)
 Bruce, C. G.
 De Terra, H.
 Dunmore, E.
 Featherstone
 ***Gordon, T. E. (a)
 Haslund-Christensen
 Knight
 ***Morden, W. J. (a b f)
 Mumm
 *Ossendowski (a)
 ***Ronaldshay (a)
 ***Roosevelt, T. & K. (b)
 Trinkler
 Younghusband, F. E. (b)
 Yule (a)
See also Kashmir; Tibet;
 Turkestan
- Kara-Koshun Lake**
 Hedin (b)
See also Cent. Asia; Tibet
- Kara Kum**
 Wilbur, L. D.
- Karum River**
 Sykes, E. C. (b)
- Kashgar R. etc.**
 Bishop (c)
 Burnaby
 Cobbold
 Etherton (b)
 **Gordon, T. E. (a)
 ***Morden, W. J. (a b)
 Reed
 Smyth
 Taunton
 **Wells, C. (a)
 Yule (a)
See also Turkestan
- Kashmir**
 ***Abruzzi (b)
 Adams, A. L.
 *Aflalo (b)
 Arbuthnot

Kashmir—Continued

- Baillie
Bower
Brinckman
***Conway (a)
Darrah
Denys
DeTerra, H.
Dunmore, E.
*Eardley-Wilmot
Fenton
Glossop
Grew
Jessop
Kaenigsmarck
**Kinloch
Knight
Lambert
**Leveson (b)
Macintyre
Markham
Morden, F. H.
*Morden, W. J. (a b c)
Mumm
*Newall, D. J. F.
*Newall, J. T. (c d)
Powell (e)
Rankin, R.
Rockhill (a)
***Ronaldshay (a)
Roosevelt, E.
***Roosevelt, T. & K.
Rothfeld
Schonberg
Seton-Karr (a)
Swettenham
Taylor, N.
Trinkler
Tyacke
Van der Byl
Vigne
Ward
Younghusband, F. E.
Yule (a)
See also Himalaya; India

Kathiawar

- Blanford (b)
Fenton
*Newall, D. J. F.
*Newall, J. T.
Pocock (c)
Rice (b)
Vernay
See also Asian Lion; Ger
Forest; Gujerat; India

Khatmandu Valley

White, J. C.

Khiva

- Burnaby
Lansdell
See also C. Asia

Khorasan

- Fraser, J. B.
Weston, H. F.
See also Persia

Khoresm

- Wilbur, L. D.

Khotan Darya R.

- DeTerra, H.
Etherton (b)
Sykes, E.
Trinkler
Yule (a)
See also Chinese-
Turkestan

Khotan Oasis

- Huntington, E. (e)

Khyber Pass

- Featherstone
Thomas, L. J.
See also Afghanistan

Kirghiz Steppes

- Adams, A.
Atkinson (a b)
Burnaby
Cobbold
Etherton (b)
Evermann

*****Gordon, T. E. (a)**

- Murray, E.

***Ossendowski (a)**

- **Roosevelt, T. & K.
See also Turkestan, Rus-
sian

Kishtwar

- Rothfield
See also India

Kizil-Irmak River

- Sterrett

Koko-Nor. Prov., Lake & Mts.

- Pereira
Rock, J. F. (c)
Rockhill (a)
Wellby (a)
See also China; Tsing-hai

Kolyma River

- Burnham
Nordenskiöld
See also The Arctic;
Siberia

Korea or Chosen

- Adams, A.
Agassiz, A. (a)
*Andrews, R. C. (d h)
Austin
Bland
Chapin, W. W.
*Curzon, G. N. (b)
Curzon of K. (b)
Deering, M. C.
Hamilton, A.
Huntington, E.
King, F. H.
*Nansen (c)
**Nordenskiöld
Vladimir
See also Japan

Kubul River or Jui-Shir

- Kinloch
See also Indus River

Kuldja

- Lansdell
See also China; Turkestan

Kullu

- Tyacke, Mrs. R. H.
See also India

Kunlun Mts.

- DeLesdain
DeTerra, H.
Morden, W. J. (a)
See also Himalaya; Tibet

Kuola Triang

- Hubback (a)
See also Fed. Malay
States

Kur or Kura River

- Nansen (f)
See also Armenia;
Caspian Sea;
Transcaucasia

Kurdistan, Khuzistan or Koordistan

- Bishop (c)
Chater, M. (g)
Floyer
Fraser, J. B. (b)
Hubbard, G. E.
Percy, E.
St John, O. B.
Trowbridge
See also Persia; Turkey

Kwangsi

- Groff, G. W.

Kwangtung

- Clark, L.
Groff, G. W.
Nansen (c)
See also China;
Manchuria

Kweichow

- Groff, G. W.

Ladakh

- Adair
Brinckman
Darrah
DeTerra, H.
Dunmore, E.
**Gordon, T. E. (a)
Jessop
Kennion (c)
**Kinloch
Kinnear
Knight
Lamont
**Leveson (b)
Lydekker (a)
Markham
**Roosevelt, T. & K.
Stebbing (b)
Trinkler
Tyacke, Mr. & Mrs.
Van der Byl
Ward
**Wellby (a)
See also Kashmir; Tibet

Lahaal

- Tyacke, Mr. & Mrs.
See also Kashmir; Ladak;
Lahaul

Lahore

Burnes
Yule (a)
See also Bokhara; Cent.
Asia; India; Punjab

Lan-xang or Luang-Prabang

Coolidge
See also Indo-China

Laos

Coolidge
Cooper, M. C. (a)
Keane (b)
Moore, W. R. (e g)
Norden (g)
Rock, J. F. (f)
Smyth
Williams
See also Siam

Lata Kharak

Mumm
See also Himalayas

Lebanon

Whiting, J. D. (b)

Ledil R.

Barbaro
See also Persia

Lena R.

Bryce, J. (b)
Burr, M.
Melville
Nansen (c)
Nordenskiöld
Wrangell
See also The Arctic;
Siberia

Levant

Nansen (f)
Whiting, J. D. (a)
See also Armenia; Asia
Minor; Egypt; Syria

Lhasa

Waddell
Yule (a)
See also Tibet

Liaotung Penin.

Curzon (c)
See also Yellow Sea

Libanus Mt.

Burton, R. F. (h)
See also Syria

Likiang, District, Mt.

Rock, J. F. (b g)

Litang River

Rock, J. F. (b)

Lob or Lop Nor Lake & Desert

Hedin (b d)
Huntington, E. (e)
See also China; Turkes-
tan

Long White Mt.

Andrews, R. C. (h)

Luristan

Percy, E.
See also Persia

Macao

Adams, H. C. (b)
See also China

Madras

Handley
*Hornaday (a)
Keane (b)
Pollock (a b)
See also India Peninsula

Maimum Dagh

Selous, F. C. (e)
See also Asia Minor

Malay, Malasia, Malaya Archipelago, Penin.

***Andrews, R. C. (c)
Baden-Powell (c)
Bickmore
Bradley
Broughton
Buck ch.7
Burden, W. D. (a b)
***Carpenter, F. G. (a)

Dingle

Gibson

Grew

**Hornaday (a)

*Hubback (a c)

Keane (b)

Laing (b)

Lydekker

Maxwell

Mayer, C

*Mjoberg

*Norden (d)

Powell (b)

Rankin, R

Rathborne

Semon

Sidney

Simpich (i)

*Sutton (b)

***Swettenham

Van Dyke, J. C.

**Wallace, A. R. (a)

***Wells, C (c)

*Whitney, C. (c)

See also Malacca

Malay States

See Federated M.S.

Manchukuo

Coville, L. G.
Fleming (b)

See also Manchuria

Manchuria

Adams, A.
**Andrews, R. C. (d h)
Barclay, F. C.
Bland
Collins
Coville, L. G.
Greely, A. W. (b)
Haslund-Christensen
*Hedin
*Huc

Sanders, A. H.

Simpich (j)

Sowerby (c)

Warwick, A (a)

Younghusband

See also Amur River;
China; Japan; Siberia

Mandalay

Keane (b)
See also Burma

Mandi

Tyacke
See also India; Punjab

Mandla

Eardley-Wilmot
Forsyth
Hicks

See also Cent. Prov. India

Manzi

Groff, G. W.

Media

Bird, F. L.
Pinkerton
See also Assyria; Caspian
Sea; Persia

Mekong or Mekhong River

Bradley (c)
Coolidge
Forrest, G.
Keane (b)
Moore, W. R. (f g)
See also Cochinchina;
Indo-China

Mekran

Floyer
See also Baluchistan;
Persia

Merv

Lansdell

Mesopotamia

Baikie
Bible
Bishop (c)
Chater, M. (g)
Cheesman
**Fraser (b d)
Fulanain
***Gordan, T. E. (b)
Hubbard
Huntington, E. (a b)
*Keane (b)
Morit

*Norden (f)

Pitman

Pocock (c)

Powell (e)

***Ronaldshay (a)

Roosevelt, T. (o)

Seabrook (a)

Sykes, P. M.

Vernay

Wood, J. B. (d)

See also Iraq

Min River

Chamberlin, R. T.
Wulsin

Minya Konka

Rock, J. F. (d)

Moluccas

See Islands

Mongolia

***Andrews, R. C. (d e f g)

Mongolia—Continued

- Atkinson
- *Bland
- Bradley
- Caruthers, D. (a b)
- Close, U.
- **Curzon, K.
- Demidoff (b)
- Etherton (a b)
- Fayrer (a)
- Fleming (b)
- Fraser, D.
- Gill, W.
- Haslund-Christensen
- ***Hedin (k)
- Hollister (b)
- Lattimore, O.
- Littledale (b)
- Miller, J. H.
- ***Morden, W. J. (a b)
- Osborn (b)
- Ossendowski (a)
- Prejevalsky (a)
- *Rockhill (b)
- Rubruck
- **Sowerby (c)
- Swayne (c)
- ***Wallace, A. H. (b)
- Warwick, A. (a)
- Williams, M. O. (d)
- Wulsin
- See also* Altai Mts.; China; Gobi Desert

Muli Kingdom

- Rock, J. F. (b e)

Murad Dagh or White Mt.

- Selous, F. C.
- See also* Asia Minor

Mysore or Maisur

- *Hornaday (a)
- Sanderson
- *Shakespear
- Smith, A. M.
- See also* India; Western Ghats

Nagpore or Nagpur

- Brown, J. M.
- Keane (b)
- Mitchell, W.
- Shakespear
- See also* Central Province; India

Nakhichevan

- Nansen (f)
- See also* Armenia; Russia

Nan Distr.

- Cooper, M. C. (a)

Narbada or Nerbudda R.

- Forsyth, J.
- *Gordon, T. E. (b)
- Kinloch
- Mitchell, W.
- See also* Central Province; India

Negri Sembilan

- Hubback (a)
- See also* Fed. Malay States

Neilgherry or Nilgiri Hills

- Campbell, W.
- Dawson
- *Eardley-Wilmot
- Fletcher, F. W. F.
- Hamilton, D.
- *Hornaday (a)
- Newall, D. J. F.
- Shakespear
- See also* Indian Penin.

Nejd or Nedjed

- Forder, A.
- See also* Arabia

Nepal or Nepal

- Bruce, C. G.
- Chetwode
- *Eardley-Wilmot
- Ellison
- Gilbert
- Glossop
- *Gouldsbury (c)
- Hodgson (a)
- Hooker
- Inglis (a b)
- *Kinloch
- *Landon (b)
- *Morden, W. J. (d)
- Powell (e)
- Ruttledge
- Smith, A. M.
- Walsh
- White, J. C.
- See also* Himalaya; India

New Siberian Island

- Brown, R. N. R.
- Kolchat
- Markham (d)
- Mecking
- Melville
- Mirsky
- Nansen (h)
- Nordenskiöld
- Peary (c)
- *Wrangell

Niya River

- Huntington, E. (e)

Northwest Frontier Province

- India
- Hornaday (a)
- Murphy, J. A. (b)
- Smith, A. M.

Novaya Zemlya

- See* Islands

Ob or Obi River

- Bryce, J. (b)
- DeVeer
- Digby
- Greely, A. W. (b)
- Nordenskiöld
- See also* The Arctic; Siberia

Okhotsk Sea

- Nordenskiöld
- Shklovsky
- See also* Kamtchatka; Siberia

Oman

- Zwemer
- Omolon River**
- Wrangell
- See also* The Arctic; Siberia

Onkilon River

- Wrangell p.279
- See also* Siberia

Onuma, Lake

- Griffis, W. E.

Ordos, District, Desert

- Close, U.
- DeLcsdain
- Warwick (b)
- Wulsin
- See also* N. China

Orontes River

- Whiting, J. D. (b)

Osumi

- Jaggar (a)

Oudh or Oude

- *Eardley-Wilmot
- Hingston (c)
- *Hornaday
- Kinloch
- Smith, A. M.
- See also* Ganges River; Himalaya; India

Oxus or Amu River

- See* Amu-Darya Riv.

Pahang

- Hubback (a c)
- See also* Federated Malay States

Palestine, Holy Land

- Baikie
- Bell, G. L.
- Bible
- Bryce, J. (a)
- *Burton, R. F. (h)
- Durbin
- *Franck (g)
- *Keane (b)
- Lamb, H.
- Makin
- Palmer, E. H.
- Simpich (n)
- *Stephen, J. L. (c)
- Tafur
- Treves (b)
- Tristram, H. B. (b c)
- Whiting, J. D. (a b c)
- Wood, J. B. (d)
- Wood, J. G.
- Yule (a)
- See also* Syria; Turkey

Pambak Mts.

- Nansen (f)
- See also* Armenia

Pamirs

- Bonvalot
- Clark (b)
- Cobbold
- *Cumberland (a b)
- Dunmore, E.

- Etherton (a b)
***Hedin (h k)**
 Littledale (a)
***Morden, W. J. (a c f)**
 Ossendowski (a)
 Polo, M.
***Ronaldshay (a)**
***Roosevelt, T. & K. (b)**
 Sykes, E.
 Trinkler
 Yule (a b)
See also Himalayas;
 Siberia; Tibet;
 Turkestan
- Pamir, Great**
 Gordon, T. E. (a)
See also Pamirs
- Pamir, Little**
 Gordon, T. E. (a)
 Morden, W. J. (c)
See also Pamirs
- Pamir, Sirez**
 Gordon, T. E. (a)
- Parthia**
 Bird, F. L.
See also Persia
- Persia, Iran, Gulf and Desert**
***Andersson (e)**
 Arnold
 Barbaro
 Bird, F. L.
 Bishop (c)
 Browne, E. G.
 Burnes
 Contarini
****Curzon, R.**
 DeBruin
 Durand
 Fayer (a)
 Forder, A.
*****Fraser, J. B. (c)**
*****Gordon, T. E. (b)**
 Huntington, E. (b c)
 Hyrst (a)
 Jardine
 Keane (b)
 Kennion (b c)
 Milne-Edwards
 Mittelholzer
 Norden (f)
 Pinkerton
 Powell (e)
****Ronaldshay (a c)**
 Seton-Karr (a)
 Simpich (n)
 Sykes, E. C.
 Sykes, P. M.
***Vambery**
 Vernay
****Wells, C. (c)**
 Weston, H. F.
****Whitney, C. (c)**
 Williams, M. O. (c d)
 Yule (a)
See also Caspian Sea;
 Turkey
- Peshwe River**
 Rock, J. F. (b)
- Punjab or Panjab**
 Bishop, C. W.
 Brinckman
 Burnes
***Burton, R. G. (a)**
 Knight
 Murray, J. A.
***Newall, D. J. F.**
***Newall, J. T. (d)**
 Younghusband, F. E. (b)
See also Northwest India
- Rangoon River**
 Smith, A. W.
- Rajputana**
 Blanford (b)
 Fife-Cookson
 Gardner, Mrs. A.
 Newall, J. T. (a d)
 Rice, William
See also Northwest India
- Red Sea**
See Africa
- Rishi Valley**
 Mumm
See also Himalaya
- Roof of the World**
 Chetwode
 Etherton (a b)
 Gordon, T. E.
 Morden, W. J. (a f)
 Oxley (a)
 Sykes, E.
 Trinkler
 Williams, M. O. (d)
See also Himalayas;
 Kashmir; Kuen-Lum
 Mts; Mt. Everest;
 Pamirs; Tibet
- Russia in Asia**
 Huntington, E. (c)
 Wilbur, L. D.
 Williams, M. O. (d)
See also Europe
- Saba, Sheba**
 Van Der Meulen
- Sakurajima, Mt.**
 Jaggar (a)
- Salwin Valley**
 Forrest, G.
- Seihan River**
 Imbrie
- Shan States**
 Dingle
 Hallett
 Smythe
See also Burma
- Shansi Province**
****Andrews, R. C. (f)**
 Caldwell
 DeLesdain
***Hedin (k)**
 Pereira
***Sowerby (d)**
 Wellby
See also China; Hwang-ho
 River
- Shantung**
 Edmunds, C. K.
 Warwick, A. (b)
- Sharon Plains**
 Treves (b)
See also Palestine
- Shensi Prov.**
 Close, U.
See also China
- Shur Wilderness**
 Prentice, S.
- Shuragei**
 Nansen (f)
See also Armenia
- Siam**
 Blanford (b)
***Bock (c)**
 Bradley
 Cooper, M. C. (a)
 Fayer (b)
 Forty
***Franck (f)**
 Hallett
 Heller, E. (c)
***Keane (b)**
 Moore, W. R. (e)
 Norden (a g)
 Pinkerton
 Powell (b)
 Reed
 Rock, J. F. (f)
 Scidmore (a)
 Smyth
 Vincent
***Whitney, C. (c)**
 Young, F.
- Sibayak Volcano**
 Mjoberg
 Swettenham
See also Sumatra
- Siberia**
*****Afalo (a)**
*****Andrews, R. C. (d)**
 Atkinson
 Bangs
***Bland**
 Bogoras
***Bonvalot**
 Bryce, J. (b)
 Burnaby
***Burnham**
 Burr
 Bush
 Carruthers, D. (a b)
 Clark (b)
 Collins
 Davidson
 Davison, L.
 DeBruin
 Demidoff (c)
*****DeWindt (a b)**
*****Dibgy (N.E.)**
 Dunmore, E.
****Etherton (a)**
 Fairchild, F. (d)
*****Gordon, T. E. (a)**
 Graham
 Greeley, A. W.
 Grosvenor, G. (d)

Siberia—Continued

- ***Guillemard
 Hansteen
 Haslund-Christensen
 Hersey
 Hollister (b)
 Hooper (N.E.S.)
 Huntington, E.
 Kennan
 Krausse
 Kroeber
 Lansdell
 *Matiuschkin
 ***Melville, G. W.
 Middendorff
 ***Morden, W. J. (a)
 Nansen (c)
 Noble
 **Nordenskiöld
 Norman
 *Ossendowski (a)
 Peary (c)
 ***Ronaldshay (c)
 Rush
 Schmidt, F.
 Simpich (d)
 Smith, H. M. (e)
 Stadling
 ***Stefansson (b)
 *Stuck (c)
 Stutfield (b)
 Swayne (c)
 *Whymper
 Wissler v.20
 Witsen
 Wood, J. B. (b)
 ***Wrangell
 Young, E.
 Younghusband, F.
 Zenzinov
- Sikkim**
 Bruce, C. G.
 DeLesdain
 Hooker
 *Kinloch
 Mumm
 Murray, E.
 Ruttledge
See also Bengal;
 Himalaya; India
- Sinai Peninsula, Mt. and Desert**
 Bible
 Browne, W. G.
 Hoskins, F. E.
 Prentice, S.
See also Africa; Egypt;
 Red Sea
- Sindh, Sinde, Prov., River**
 ***Abruzzi (b)
 Burnes
 *Burton, R. F.
 Mumm
 Murray, J. A. (a)
 *Newall, J. T. (d)
 Pottinger
 **Ronaldshay (a)
 Ward, A. E.
See also Bombay; India

Sinkiang

- Williams, M. O. (d)
- Song-Koi River**
 Bradley (c)
 Keane (b)
See also China; Yunnan
- Spiti R.**
 Tyacke
See also Himalayas;
 Punjab
- Straits Settlements (British)**
 Powell (b)
 Simpich (i)
See also Malacca; Penang; Singapore
- Suez, Gulf**
 Prentice, S.
- Sumatra**
 Bickmore
 Blanford (b)
 **Bock (a b)
 Bradley (c)
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 **Carpenter, F. A. (a)
 Cole, M. C.
 Fayer (a)
 Forbes, H. O.
 Hall, M. A.
 Hallett
 Laing (b)
 Lydekker (a)
 Mann, W. M. (b)
 Mjoberg
 Moore, W. R. (a)
 *Norden (a)
 Powell (b)
 *Roosevelt, E.
 ***Swettenham
 VanDyke, J. C.
 Wells, C. (c)
 Whitney, C. (c)
 Yule (a)
See also Malay
 Archipelago;
 Sunda Islands
- Sunderbunds or Sundarbunds**
 Bagot
 Somerville
See also Brahmputra and
 Ganges Rivers
- Sungari River**
 Coville, L. G.
 Greely, A. W. (b)
- Surguja**
 Mitchell, W.
- Swalik Hills**
 Kinloch
See also India
- Syria, Syrian Desert**
 **Andersson (e)
 Bell, G. L.
 Bird (c)
 Bishop
 *Burton, R. F. (h k)
 Doughty
 Durbin
 *Franck (g)

Huntington, E.
 Irby

- *Keane (b)
 Lamb, H.
 Makin
 Norden (f)
 Percy, E.
 Pocock (c)
 Seabrook (a)
 Simpich (1n)
 Vernay
 Williams, M. O. (c)
 Wood, J. B. (d)
See also Palestine; Turkey; Assyria
- Szechwan or Szechuen**
 **Andrews, R. C. (f)
 Beech, J.
 Chamberlin, R. T.
 Colbert (a)
 *Coolidge
 Curzon (b)
 Hodgson
 **Huc (c)
 Lydekker
 Pereira
 Reid, W. I.
 Rock, J. F. (d e g)
 *Roosevelt, K.
 *Roosevelt, T. & K.
 Sage
See also China; Tibet;
 Yang-tse-Kiang; Yunnan

Tai Shan, Mt.

Edmunds, C. K.

Taimyr-Land, Lake & Island

- Hayes (a)
 Markham (d)
 Mecking
 Mirsky
 Nordenskiöld
See also The Arctic;
 Siberia

Taiz

Moser, C. K. (a)

Takla-Makan Desert

- Hedin (b)
 Huntington, E. (e)
 Trinkler

Tarai, Taral

- Braddon
 Cox
 **Eardley-Wilmot
 **Hornaday (a)
 *Kinloch
 *Landor (b)
 *Leveson (b)
 Macintyre
 *Morden, W. J. (d)
 Powell (e)
 Ronaldshay (a)
 Wardrop (b)
See also Himalaya; N.
 India

Tartarian Sea

- DeVeer
See also Tartary

Tartary, Tartaria, China

Atkinson
Barbaro
Burnes
Dunmore, E.
Etherton (b)
**Gordon, T. E. (a)
Graham (a b)
*Huc
*Kinloch
Markham
Swettenham
Witsen
See also China;
Dzungaria; Manchuria;
Mongolia; Turkestan,
etc.

Taurus Mts.

Chater, M. (g)
Fraser, J. B. (d)
Imbrie
Percy, E.
Trowbridge
See also Anatolia; Turkey

Tekes River

Morden, W. J. (f)

Tengri-Nor-Lake

DeLesdain
See also China; Tibet

Tibet

**Aflalo (b)
***Andrews, R. C. (d)
Bangs
Beebe, W. (b)
Beech, J.
Bell, C. A.
Bonvalot
Bower
Burrard (a)
Carey
Chamberlin, R. T.
Conway (a)
DeLesdain
De Terra, H.
Dingle
Dunlop
Dunmore, E.
*Eardley-Wilmot
Ferguson
Gill, W.
Glossop
***Gordon, T. E. (a)
Hayden, H.
***Hedin (b—f k)
**Huc (a b c)
Jenkins
Kennon (a)
*Kinloch
*Landor (a b)
Lattimore, O.
*Leveson (d)
Lydekker (a g)
McGovern
Macintyre
Markham
Mjoberg
**Morden, W. J.
Mumm
Ossendowski (a b)
Pereira
Powell (e)
Prejevalsky (a)
Reid
Rock, J. F. (c d e g)
Rockhill (a b)
*Ronaldshay (a)
*Roosevelt, T. & K.
Sage
Sanders, A. H.
Shelton, A. L.
Sherring
Stead (b)
Stebbing (b)
Swettenham
Teichman
**Wellby (a)
**Wells, C. (c)
Williams, M. O. (d)
See also China; Himalaya
Mts.

Tien Shan Mts.

Bonvalot
Clark (b)
Gordon, T. E. (a)
Harrison, G. L.
**Hedin (k)
Lattimore, O.
*Morden, W. J. (a b f)
Murray, E.
Ossendowski (a)
Prejevalsky (b)
*Roosevelt, T. & K. (a b)
Sykes, E.
See also Gobi Desert;
Turkestan, Chinese;
Turkestan, Russian

Tigris River

Raikie
Bell, G. L.
*Fraser, J. B. (c d)
Fulanani
Huntington, E. (b)
Keane (b)
Percy, E.
St John, O. B.
Tristram (d)
Wood, J. B. (d)
Yule (a)
See also
Armenia;
Euphrates River;
Kurdistan; Mesopota-
mia; Persian Gulf;
Turkey

Toba Lake

Hall, M. A.

Tomsk Prov.

Greely, A. W. (b)

Tonkin

Moore, W. R. (g)
See also Tongking

Transbaikalia

Atkinson
Ossendowski (a)
See also Lake Baikal;
Siberia

Transcaspia

Huntington, E. (c)

Transcaucasia

Nansen (f)
See also Armenia; Russia

Transjordania

Makin
Seabrook (a)
Whiting, J. D. (a)
See also Jordan

Trisul Mt.

Mumm
See also Himalayas

Tuftan

Etherton (b)
See also Roof of the
World

Tumen River

Andrews, R. C. (h)

Turkestan

Simpich (a)
Wilbur, L. D.
Wood, J. B. (b)

Turkestan, Chinese Eastern

**Abruzzi (b)
Bonvalot
Bower
Carruthers, D. (a)
Church, P. W.
Clark (b)
De Terra, H.
Dunmore, E.
Etherton (a b)
Fairchild, F. (d)
*Hedin (b)
Huntington, E. (e)
Kroeber
*Morden, W. J. (c c f)
Murray, E.
Nabours
Ossendowski
Trinkler
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Turkestan, Russian

Turkestan, Russian Western

**Andrews, R. C. (d)
Bonvalot
Burns
*Cumberland
Harrison, G. L.
Hedin (k)
Lattimore, O.
Morden, W. J. (a f)
Nabours
Prejevalsky (b)
*Rockhill
Roosevelt, T. & K.
Sykes, E.
*Vamberg
*Wellby (a)
Wood, J. N. P.
Younghusband, F. E. (a b)
See also Chinese
Turkestan; Tien Shan
Mts.

*Roosevelt, T. & K.
Sykes, E.
*Vamberg

*Wellby (a)
Wood, J. N. P.
Younghusband, F. E. (a b)
See also Chinese
Turkestan; Tien Shan
Mts.

Turkey, Asiatic, Ottoman Empire

**Andersson (e)
Chandler, D. (c)
*Curzon, R.
Floyer

Turkey, Asiatic, Ottoman Empire—Continued

- *Franck (g)
- Harris
- Huntington, E. (b)
- Imbrie
- Keane (b)
- Makin
- Percy, E.
- Powell (e)
- Ronaldshay (a c)
- Simpich (n)
- Trowbridge
- Williams, M. O. (d)

Tzuchan

See Szechwan

Udaipur

Mitchell, W.

Ulwar

Fife-Cookson
See also Dehra-Doom

Ural Mts. and River

Davison, L.
Greely, A. W. (b)
Grosvenor, G. (d)

Usuri River

Morden (e)
See also Manchuria

Uzbekistan, Soviet

Morden, W. J. (e)
Wood, J. B. (b)
See also Russia; Turkestan

Van, Lake

Huntington, E. (b)

Vega R.

Melville
See also Siberia

Volga River

Bryce, J. (b)
Ellis, W. T.
Greely, A. W. (b)

Werchojanski Mts.

Wrangell
See also Siberia

Wolf, Mt.

Wulsin

Wynaad, Wainaad, Forest

Fletcher
See also India

Yakutsk Prov. & R.

Digby
Shklovsky

Zenzinov

See also East Siberia;
Yokoutsck

Yalu River

Andrews, R. C. (h)
Curzon (b)
Sowerby (d)
See also Korea;
Manchuria

Yalung River

Rock, J. F. (b d)

Yamal

Bogoras
Nordenskiöld
See also The Arctic;
Siberia

Yana R.

Digby

Yangtze-kiang R.

*Andrews (f)
Beech, J.
Bonvalot
DeLesdain
Dingle
Fairchild, D. (d)
Gill, W.
*Huc (a b c)
King, F. H.
Ready
Reid
Rock, J. F. (b e g)
*Roosevelt, T. & K.
Shelton, A. L.
See also China; Yunnan

Yarkand River

Conway (a)
Dunmore, E.
Forsyth, T. D.
Yule (a)
See also China; Turkestan

Yellow River, or Hwang-ho

Chamberlin, R. T.
*Curzon (b)
DeLesdain
Edmunds, C. K.

*Huc
King, F. H.
Morden, W. J. (f)
Pereira
Rock, J. F. (c d)
Rockhill (a)

*Stead
Warwick, A. (b)

*Wellby (a)
Williams, M. O. (d)
Wulsin

Yule (a)

See also China; Mongolia; Zin
Tibet

Yemen

Forder, A.
Harris
Huntington, E.
Moser, C. K. (a)
See also Arabia

Yenisei River

Bryce, J. (b)
Carruthers, D. (a)
Digby
Greely, A. W. (b)
Hansteen
Markham (d)
Mecking
Middendorff
Mirsky
Nansen (c)

*Nordenskiöld
Schmidt, F.
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Siberia

Yeniseisk or Enisseisk Prov.

Schmidt
Shklovsky
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Youngning Lake

Rock, J. F. (b)

Yunnan or Yun-nan Prov.

*Andrews, R. C. (f)
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Beech, J.
Bradley
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*Curzon (b)
Dingle
Forrest, G.
Hodgson
Lydekker
Pereira
Rock, J. F. (b d e g)
Roosevelt, K.
*Roosevelt, T. & K.
See also China; Szechuan;
Tibet; Yangtze-Kiang

Zagros Mts.

Huntington, E. (b)

Zaidam

DeLesdain
See also China

Zerafshan River

Nabours
Wilbur, L. D.

Prentice, S.

Section 2. Division 3. NORTH AMERICA

- Adams, Mt.**
 Borah
 Roy, L. C. (b)
- Adirondack Mts.**
 Burroughs (c)
 Hallock (b)
 Hammond
 Showalter (b)
 Vosburgh
See also New York
- Aguacate, Mt.**
 Popenoe, P. B.
- Alabama**
 Audubon (c)
 Gillmore, P. (n. ch. 4)
 Hall, B. (c)
 Hough (b)
- Alamo River**
 Davis, A. P.
- Alaska**
 Abruzzi (a c)
 Allen
 Ault
 Bales
 Bradley
 Brown, B.
 *Burbridge
 Burg, A. (b)
 Burnham
 *Cane
 Capps, S. R.
 Cassin
 Clark, H. B.
 Collinson
 Cordier
 *Dall (b c)
 Eddy
 **Elliott, H. W.
 Fleischmann
 Griggs (a b c)
 Grinnell (d)
 Hallock
 Hayes, J. G. (a)
 Heilprin (d)
 Hersey
 Hollister (a)
 **Holzworth (a b)
 Hubback (b)
 Hubbard, B. R. (a b)
 Keane (a)
 Kleinschmidt
 Krieger
 Lambert, H. F.
 Lane, F. K. (a)
 Lomen, C. J.
 *Loring
 Martin, G. C.
 Merriam
 Miller, D. H.
 Miller, G. S. (a)
 Mitchell, G. E. (d)
 Mixter, G.
 Muir
 Munger, F. M.
 *Nelson (a b)
 Niedieck (b)
- O'Brien
 Ogilvie
 Olson, R. L.
 **Osgood (a b c e)
 Parker, M. P.
 *Pike, W. (a)
 Powell, A. M.
 Radclyffe
 Riggs, T.
 Schwatka (c)
 Scull, E. M. (b)
 ***Sheldon (b c d)
 Shiras (b f)
 Simpich (d)
 Smith, H. M. (e g)
 ***Stefansson (a)
 Stewart, E.
 ***Stuck (a b c)
 Thomas, W. S. (b)
 Turner
 Washburn, B. (a b c)
 *Wetmore (e)
 *Whymper
 Wilkins (c d)
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 lands; Yukon River
- Albemarle Sound**
 Epler
- Alberta**
 Brown, B.
 Burg, A. (d)
 Cassin
 Freeman, L. R. (a)
 Martindale
 Mitchell, G. E. (a)
 Stutfield (a)
 Walcott, C. D. (a b)
 Washburn
 Wilson, J. A. (a b)
See also Canada
- Alexander River**
 Freeman, L. R.
- Allegheny, Mts., River**
 Hallock (b)
 Rafinesque
 Torrey (g)
- Amatitlan Lake**
 Lee, T. F.
 Long, E. J. (a)
See also Guatemala
- American Desert**
 Dalton, N. H. (a)
 MacDougal
See also Great American
 Desert
- Androscooggin River**
 Moses, G. H. (a)
- Aniakchak Mt.**
 Hubbard, B. R. (b)
- Appalachian Mts.**
 Mather (a)
 Roy, L. C. (a)
- Aransas Pass**
 Holder
See also Corpus Christi
 Bay, Texas
- Arctic Regions**
See Polar Regions
- Arizona**
 Bernheimer
 Boutwell
 Carson
 Darton, N. H. (b)
 Davis, A. P.
 Douglass, A. E.
 Finley, W. L.
 Fountain (a)
 Homaday (a)
 Hough (b)
 Judd, N. M. (c e)
 Kearney, T. H. (a)
 Kolb, E.
 Kroeber
 Lane, F. K. (a b)
 Lummis
 MacDougal
 Mitchell, G. E. (b)
 Mowry
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 Schmeckebier
 Shantz
 Shiras (e)
 Smith, J. R.
 Torrey (c)
 Wallace, D. (d)
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- Arkansas, State, River**
 Audubon (c)
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 **Dodge (d)
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 **Marcy (c)
 Mitchell, G. E. (c)
 Nuttall (a)
 Parkman
 *Pike, Z. M. (a b)
 Porter, W. J.
 Ruxton
 Smith, J. R.
- Arroyo Grande**
 Wells, A. J.
- Assiwan River**
 Cabot
See also Labrador
- Assiniboine River, Lake & Mt.**
 Outram
 Southesk
See also Red River of the
 North
- Athabaska, Lake, River**
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 Fernand-Michel
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 Freeman, L. R. (a)

Athabaska Lake, River—*Continued*

Harmon

Jones, B.

*Loring

Mair

Outram

*Preble

*Richardson, J. (a)

*Russell, F. (b)

Seton

**Stefansson (a)

Tache

Tyrrell

Washburn

Wilcox (b)

Wilson, J. A. (b)

See also Canada;

Mackenzie River

Atitlan Lake and Volcano

Lee, T. F.

Long, E. J.

*See also Guatemala***Atlin, Dist. & Lake**

Sheldon (b)

*See also Canada; Yukon***Ausable River**

Vosburgh

*See also New York***Back's Land, River**

Gilder

*Hanbury (b)

Pike, W. (b)

See also Canada; Great

Fish River

Bad Lands (Mauvaises Terres)

Grosvenor (e)

Hobbs, W. H.

Miller, G. S. (b)

Baffin Island, Bay

Birket-Smith

Carstensen

Davidson

Forbes

Goodsir

Hayes, J. G. (a)

Jenness (b)

Kolchat

Mecking

Melville

Miller, D. H.

Nordenskiöld

Peary (c)

Stefansson (c)

Streeter

See also Canada;

Greenland

Baker, Mt.

Borah

Barents Sea

Olson (b)

*See also Polar Regions***Barren Grounds**

Birket-Smith

Buchanan

Butler, W. F. (b)

Franklin

*Hanbury (a)

Hearne

*Inman

Irving

**Pike, W. (b)

Rasmussen

Richardson, J. (b)

Russell, F. (a b)

*Sheldon (b)

***Stefansson (a)

Tyrrell

*Whitney, C. (a b)

Wilson, J. A. (b)

See also Canada;

Coppermine River;

Great Fish River;

Mackenzie River

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Cabot

*Filson

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Canada; Kentucky

Battle Harbor

Forbes, A.

*See also Labrador***Battle Range**

Palmer, H. (b)

Bennett, Lake

Burg, A. (b)

Bering Sea, Strait

Agassiz (a)

Ault

Bent (a e)

Birket-Smith

Borden, Mrs.

Brown, R. N. R.

Burnham

DeVeer

Grigg (a b c)

*Guillemard

Hayes, J. G. (a)

Hersey

Hubbard, B. R.

Jenness (b)

Melville

Mirsky

Nelson (a b)

Niedieck

**Nordenskiöld

Peary (c)

Pike, W. (a)

Schwatka (c)

***Stuck (c)

***Wrangell

*See also Alaska***Big Bone Lick**

*Filson

Heilprin (c)

Kingston

Palmer

Wells, C. (c)

See also Kentucky;

Mammoth

Big Horn Mts.

Darton, N. H. (d)

Irving (b)

Pickett

Shields (a)

Bishop Range

Palmer, H. (b)

Bitter Root Mt.

Wright (a b)

*See also Idaho***Black Hills**

Allen, J. A. (c)

*Dodge (b)

*Dunraven (a)

Grosvenor, G. (e)

*Lewis & Clark

Mather (a)

Parkman

Stevens, A. W. (c)

Vivian, A. P.

See also N. Dakota;

Wyoming

Black Stream

Pillsbury

Blanco or Irazu, Mt.

Popenoe, P. B.

Blue Ridge Mts.

Burnaby

Chater, M. (h)

Torrey (g)

Bohio, Lake

Grosvenor, G. (b)

Bonito, Pueblo

Simpich (m)

Boothia, Gulf, Isthmus

Greely (c)

Bozeman Trail

Hebard, G. R.

Breton, Cape

Townsend (e)

*See Labrador***British Columbia**

Allen

***Baillie-Grohman (a)

Bradley

Cordier

Freeman, L. R. (a)

*Holzworth (a)

**Hornaday (a)

Humphrey

Johnstone

Krieger

Lee & Clutterbuck

Muir

Osborn (b)

Palmer, H. (b)

Piers

*Pike, W. (a)

***Sheldon (b c)

Smith, H. M. (c e)

Stutfield

Thomas, W. S. (a)

Tweedsmuir

Walcott, C. D. (a b)

Wallace, H. F. (a)

**Whympier

Williams, A. B.

Wilson, J. A. (a b)

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Vancouver

British Mts

Riggs, T.

Bryce Canyon
Clatworthy**California, State, Gulf & Desert**

Adams, J. C.
Atkinson
Baird (c)
Browne, J. R.
Bryant
Cassin
Corey, H. (d)
Davis, A. P.
Dion, C. R.
*Dunraven (b)
*Farnham, T. J. (b)
Finley, W. L.
Ford, W.
**Fountain (a)
Grant, M.
Graves, C. E.
Graves, H. S.
Hall, C.
Hildebrand (d)
*Holder (a b c f)
Kearney, T. H. (a)
King, C.
Kolb, E.
Kroeber
**Marcy (b c)
Mendenhall
Nelson, E. W.
Nuttall (b)
Oberholser
*Parkman
Patterson, J. N.
Radin (a) ch 16
Ransome
Sage (a)
Schultz (b)
Shiras (e)
Simpich (c d k)
Smith, G. O.
Smith, H. M. (d e g)
Smith, J. R.
Thornton
Vachell
VanDyke, T. S. (b)
Vivian, A. P.
Wells, A. J.
Whitaker, H.
White, J. R.
**Whympier
Wyman
Young, E. R.
Young, W. E.

California, Lower
*See Lower California***California, Southern**

Brown, J. R.
Darton, N. H. (b)
Nelson, E. W. (c)
Van Dyke

Cambridge Bay

Collinson
See also Alaska; The Arctic

Camden Bay

Collinson
See also Alaska; The Arctic

Campeche

Morley, S. G.
See also Mexico

Canada

Baden-Powell (a)
Billings
Bonnycastle
Buchanan
*Bulger (b)
Burg, A. (d)
Burt
Cassin
*Comeau
Curran
Dall (c)
Dease
*Dodge (c)
***Dugmore (f)
Freeman, L. R. (a)
Geikie
Graham, Dr.
Hall, B. (c)
**Hanbury (a b)
Hollister (a)
King, W. R.
Kingsley
Kingston
Lambert, H. F.
Lanman (a)
Latham
**Mackenzie, A.
MacKenzie, C. D.
Miller, D. H.
Miller, G. S. (a)
Milton, V.
Montgomery
Outram
Palmer, H.
Palmer, J.
Pattillo
Prichard (d)
Rankin, R. (b)
Richardson (a b c)
Rutherford
Scott, W. E. D. (a)
***Selous, F. C.
*Selous, F.
Seton-Karr (b)
***Sheldon (b)
Shiras (e)
Stefansson (a b)
Stupart
Stutfield
Sutton, G. M.
Tyrrell
Walcott, C. D. (a b)
Wallace, H. F. (a)
Watson, B. A.
Whitney, C. (a b)
Wilcox (a b c)
Wilson, J. A. (a b)
See also The Arctic
Canal Zone
Chapman, F. M. (j)
Cape Bathurst
Greely (c)

Caribbean Sea, Islands

Agassiz, A. (a)
Chester, C. M.
Fairchild, D. (a)
LaGorce (b d)
Morley, S. G.
Treves (a)
See also West Indies

Carlsbad Cavern

Bailey, V.
Freeman, L.
Lee, W. T. (a b)
Simpich (m)

Carolina, North, South

Boone
Hall, B. (c)
Martindale (a)
Moore, W. R. (d)
Nuttall (a)
Roy, L. C. (a)
Torrey

Cascade Mt.

Atwood, W. W.
Barnes, A. H.
Borah
Burg, A. (a)
Oberholser
Roberts, M.
Schmeckebier
Williams, I. A.
Wynd

Cassiar

Fleischmann
Humphrey
Muir
*Pike, W. (a)
*Sheldon (b)
See also Brit. Columbia; Canada

Castleguard River and Falls

Freeman, L. R. (a)

Catskill Mts.

Mather (a)
Showalter (b)

Cayuga, Lake

Showalter (b)

Chaco Canyon

Douglass, A. E.
Judd, N. M. (a c e)
Simpich (m)

Champlain, Lake

Corey, H. (c)
Moses, G. H. (a)
Showalter (b)
Vosburgh

Chandiere Falls

Wilson, J. A. (a)

Chapala Lake

Corey, H. (a)
See also Mexico

Chagres River

Grosvenor, G. (b)
Shiras (h)

Chelan Lake

Borah

Chesapeake Bay

Burnaby

Smith, H. M. (d)

Chesterfield Inlet

Gilder

Hanbury (a b)

Markham (d)

Mecking

Mirsky

Wilson, J. A. (b)

See also Canada; Hudson Bay; Keewatin**Cheyenne River**

Dodge (b)

Lewis & Clark

See also Missouri River; Wyoming**Chiapas**

Collins, G. N.

Cory, H. (d)

Chidley, Cape

Forbes, A.

Miller, O. M. (b)

See also Labrador**Chihuahua State**

Birkinbine

Carpenter, D. A.

Hough (b)

Schwatka (b)

Singer

Wallace, D. (c)

See also Mexico**Chimney Rock**

Chater, M. (h)

See also N. Carolina**Chitina Bay, River**

Cane

Lambert, H. F.

Chokorua, Mt.

Moses, G. H. (a)

See also New Hampshire**Churchill River**

Buchanan

Pettingill

See also Canada; Hudson Bay; Keewatin**Clay Hills**

Judd, N. M. (d)

Clear Water River

Burg, A. (d)

Coahuila

Birkinbine

See also Mexico**Coast Range**

Muir

Tweedsmuir

Coatzacoalcos River

Olsson-Seffer, H.

Coeur d'Alene Mts.

Graves, H. S.

Colima

Cory, H. (d)

Melgareio

Colorado, State, River, Canyon, Mts.

Bell, Dr.

Bernheimer

Blackmore

Brown, B. (b)

Carvalho

Clatworthy

Darton, N. H. (b)

Davis, A. P.

***Dunraven (a b c)

**Fountain (a)

French

Hayden, F. V.

Hedin (i)

Hough (b)

Hyrt (a)

Judd, N. M. (d)

*Inman (b)

Irving, W. (b)

Kerbey, M. (a)

Kolb, E.

Lane, F. K. (a)

Markley

**Mills (a b c d)

Mitchell, G. E. (a)

Nelson, E. W. (c)

*Parkman

*Pike, Z. M. (b)

Powell, Maj.

Rideing

*Ruxton

Schmeckebier

Simpich (d k)

Singer

Vachell

Vivian, A. P.

Wallace, D. (d)

Wallihan (a)

Webb, W. E.

Wyman

Colorado Desert

MacDougal

Mendenhall

See also Colorado**Columbia River**

Adams, J. C.

Borah

Burg, A. (a)

*Dunraven (c)

Franchere

Freeman, L. R. (a)

French

Irving (b)

***Lewis & Clark

Mackenzie, A.

Montgomery

Ross, A.

Sabin (c)

Schultz (b)

Smith, H. M. (e)

Thornton

Victor, Mrs.

Wright (b)

See also British Columbia;

Canada; Oregon;

Washington

Colville River

Wilkins (c d)

Connecticut, State, River

Corey, H. (c)

Hall, B. (c)

Moses, G. H. (a)

Continental Divide

***Baillie-Grohman (e)

Carvalho

***Dugmore (f)

Dunraven (a b c)

*Hornaday (a)

Kingsley

*Mills (a b c d)

Pickett

Sabin (c)

Sage (a c)

Shenon and Reed

Southeast

Vivian, A. P.

*Wallihan (a)

Wilcox (a b c)

Williamson, A.

See also Canada; Rocky Mountains**Cook Inlet**

Cane

Dall (b)

Stuck (c)

See also Alaska**Copper-Mine River**

Dall (b)

Franklin

*Mackenzie, A.

Markham (d)

Pike, W. (b)

Richardson, J. (a)

Russell, F. (a)

**Stefansson (a)

**Stuck (c)

Wilkins (c)

See also Barren Grounds;

Canada; Coronation Bay

Coronation Gulf

Greely, A. W. (c)

Cormorant Lake

Wilson, J. A. (b)

Costa Rica

Fraser, E. R.

Lindbergh

Pillsbury

Popenoe, P. B.

Tschiffely

Zahm

See also C. America**Crater Lake**

Atwood, W. W.

Roberts, M.

Schmeckebier

Williams, T. A.

Wynd

Crillon, Mt.

Washburn, B. (a)

Culebra

Grosvenor, G. (b)

Cumberland River

Everman

See also Allegheny Mts.;

Kentucky; Tennessee

Dagelet, Mt.

Washburn, B. (a)

Dakotas

Allen, J. A. (c)

- *Dodge (b c)
 *Dunraven (a)
 Freeman, L. R. (b)
 Grosvenor, G. (e)
 Martindale (N. D.) (c)
 Mitchell, G. E. (d)
 Pickett
 Stevens, A. W. (c)
See also Black Hills
- Datil Forest**
 Darton, N. H. (b)
- Davis Inlet**
 Cabot
 Carstensen
See also Labrador
- Dease Lake**
 Muir
 Wilson, J. A. (b)
- Death Valley**
 Chapman, R. H.
 Darton, N. H. (b)
 Oberholser
 Simpich (k)
 Ward, W. V.
 Whitaker, H.
- Delaware, State, River**
 Burnaby
- Denali**
 Sheldon
 Stuck (a b)
See also Mt. McKinley
- Denmark Strait**
 Carstensen
See also Greenland
- Dismal Swamp**
 Ariza
 Elliot, G. F. S. (b)
 Showalter
See also Virginia
- Durango**
 Birkinbine
- East Main or Slade River**
 Curran
See also James & Hudson Bay
- Eel River**
 Grant, M.
- Ellesmere Land**
 Byrd, R. E. (b)
 Markham (d)
 Mecking
 Mirsky
 Peary (c)
 Stefansson (e)
 Stuck (c)
 Sverdrup
See also Alaska
- Endicott Mts.**
 Stuck (b c)
 Wilkins (c d)
See also Alaska
- Erie Lake**
 Showalter (b)
- Essex River**
 Townsend (e)
See also Labrador
- Estes Park**
 Dunraven (a b c)
 Kerbey, M. (a)
 Mills (c)
 Vivian
See also Colorado
- Everglades, The**
 Cory
 Gifford, J.
 LaGorce (c)
 Small, J. K.
 Whitehead
See also Florida
- Fairweather Range**
 Muir
 Washburn, B. (a)
- Flora Cape**
 Nansen (a)
See also The Arctic;
 Northbrook Is.
- Florida**
 *Agassiz
 Audubon (c)
 Bailey, A. M.
 *Bartsch
 Bishop, G. R.
 Chapman, F. M. (c)
 Cory (c)
 *Dunraven (c)
 Gifford, J.
 Gilmore (c)
 Harper, F.
 Heilprin (a)
 Henshall
 Hoffman, E. P.
 *Holder (c e)
 LaGorce (c)
 Latham
 Longley, W. H. (a b)
 MacCauley
 Martindale (a)
 Miner, R. W. (b)
 Mitchell, G. E. (c d)
 Moore, W. R. (d)
 Nuttall (b)
 Pike, Z. M. (a)
 *Scott, W. E. D.
 Shields (a)
 Shiras (e)
 Small, J. K.
 Stuart, V.
 *Torrey (e)
 *Townsend, F. T.
 Volney
 Whitehead
 Wissler v. 22
 Zahm (a)
- Foraker Mt. or Denali's Wife**
 Stuck (a c)
 Washburn, B. (c)
See also Alaska
- Franconia Mts.**
 Torrey, B. p.82
- Franz Josef Land**
 Boyd, L. A.
 Bretz
 Brown, R. N. R.
- Hayes, J. G. (a)
 Hitchcock
 Jackson, F. G.
 Joerg (b)
 Markham (d)
 Mecking
 Miller, D. H.
 Mirsky
 Nansen (a h)
 Nordenskiold
 Payer
 Peary (c)
 Smith, B. L.
- Fraser River**
 Milton, Visc.
 Outram
 Smith, H. M. (e)
 Thomas, W. S. (a)
 Tweedsmuir
 Wright, J. K.
See also British Columbia
- Fulton Chain**
 Vosburgh
See also Adirondacks
- Funeral Range**
See Death Valley;
 Nevada
- Gatun Lake, River**
 Chapman, F. M. (j)
 Shiras (h)
- George Lake**
 Parkhurst
 Vosburgh
- Georgia**
 Hall, B. (c)
 Harper, F.
 Moore, W. R. (d)
- Georgian Bay**
 Robinson, B. C.
See also Canada
- Gila Forest**
 Darton, N. H. (b)
- Glacier National Park**
 Schmeckebier
- Grand Banks**
 Wallace, F. W.
- Grand Canyon**
 Clatworthy
 Darton, N. H. (b)
 Grater
 Hobbs, W. H.
 Kolb, E.
 McCartney
 Mather (b)
 Merriam, J. C.
- Grand Lake**
 Clatworthy
See also Colorado
- Great American Desert**
 Chapman, R. H.
 Clatworthy
 Kerbey, M. (a)
 Lane, F. K. (a)
See also American Desert
- Great Basin**
 Oberholser

- Great Bear Lake**
 Bell, J. M.
 Dease
 Hanbury (b)
 Richardson, J. (a)
 Wilson, J. A. (b)
- Great Dry Desert**
 Chapman, R. H.
See also Death Valley;
 Nevada
- Great Fish River**
 Back, G.
 Bentley, R.
- Great Salt Lake**
See Salt Lake, Great
- Great Slave Lake & River**
 Bell, J. M.
 Bentley, R. ch.17
 Burg, A. (d)
 Butler, W. F. (a)
 Franklin
 Freeman, L. R. (a)
 Goodwin (b)
 *Hanbury (a)
 *Hearne
 Jones, B.
 **Mackenzie, A.
 McLean
 Mair
 Petitot
 **Pike, W. (b)
 *Richardson, J. (a)
 Russell, F. (a)
 Stewart, E.
 Wilson, J. A. (b)
See also Canada;
 Hudson Bay; Mackenzie
 River
- Great Smoky Mts.**
 Mather (a)
- Great Whale River**
 Curran
See also Hudson Bay
- Green Bay**
 Smith, G.
- Green Mt.**
 Corey, H. (c)
- Green River**
 Carvalho
 Inman (b)
 Kolb, E.
See also Rocky Mts.
- Green River, Ky.**
 Filson
 Rafinesque
 Robinson, B. C.
- Greenland**
See Polar Regions
- Guadalupe Mts.**
 Lee, W. T. (b)
- Guatemala**
 Adams, H. C. (g)
 Bagot
 Byam
 Franck (a)
- Lee, T. F.
 Lindbergh
 Long, E. J.
 Lydekker (a)
 Morley, S. G.
 Oswald
 Sands
 Squier (a)
 Stephens, J. L. (a)
 Tisdell
 Tschiffely
See also Central America
- Guerrero**
 Corey, H. (d)
- Gulf Stream**
 Brooks, C. F.
 Oxholm
 Pillsbury
- Hamilton Mt.**
 Simpich (c)
- Harney, Mt.**
 Grosvenor, G. (e)
- Hoback River**
 Irving (b)
See also Jackson Hole;
 Wyoming
- Honduras**
 Adams, H. C. (g)
 **Franck (a)
 Kingston
 Leyland
 Lindbergh
 Middleton
 Ober
 *Squier (a)
 Stephens, J. L. (a)
 Wells, W. V.
- Hood, Mt.**
 Williams, I. A.
- Hot Springs, Ark.**
 Schmeckebier
- Hubbard Glacier**
 Lambert, H. F.
 Washburn, B. (b)
- Hudson Bay**
 Ballantyne (c)
 Birket-Smith
 Butler, W. F. (b)
 Curran
 *Dunraven (a)
 *Fountain (e)
 Gilder
 **Hanbury (b)
 Hayes, J. G. (a)
 Hearne
 O'Brien
 Pettingill
 Scott, W. E. D.
 Sutton, G. M.
 Vosburgh
 Wilson, J. A. (b)
See also Canada; Quebec
- Humboldt Bay, Glacier**
 Hayes, J. G. (a)
 Simpich (c)
- Idaho**
 *Baillie-Grohman (c)
 Dunraven (b)
 Hayden, F. V.
 Lane, F. K. (a)
 Lambert, R. W.
 Mitchell, G. E. (c)
 Murphy, J. M. (a b)
 Schmeckebier
 Shenon & Reed
 Smith, H. M. (e)
 Wright (a b)
- Illecillewaet Glacier**
 Palmer, H. (b)
- Illinois**
 Boone
 Farnham, E. W.
 Gerstacker
 Hall, B. (c)
 Jones, B.
 Palmer, J.
 *Ruxton (Prairies)
 Shantz
 Smith, J. R.
 Thornton
 Vivian, A. P.
 Wood, J. B. (c)
- Imperial Valley**
 Darton, N. H. (b)
 Davis, A. P.
 Mendenhall
 Simpich (k)
- Indiana**
 Audubon (c)
 Boone
 Gerstacker
 Hall, B. (c)
 Palmer, J.
 Rafinesque
 Schultz
 Shantz
 Smith, H. M. (i)
 Smith, J. R.
- Iowa**
 Lewis and Clark
 Smith, H. M. (i)
 Smith, J. R.
- Isle Royal**
 Chater, M. (c)
 East, B.
See also Michigan
- Izalco Mt.**
 Adams, H. C. (g)
See also Salvador
- Iztaccihuatli Mt.**
 Corey, H. (f)
- Jackson Hole**
 Fish
 Huntington (a)
 Inman (b)
See also Wyoming

- Jalisco**
Corey, H. (b d)
- James Bay**
Curran
Fountain (c)
See also Hudson Bay;
St. James Bay
- Jasper Park**
Hollister (a)
See also Alberta; Canada
- Jefferson, Mt.**
Roy, L. C. (b)
Williams, I. A. (a)
- Kaibab National Forest**
McCartney
- Kansas, State, River**
Allen, J. A. (c)
Carvalho
Cordier
Ellsworth
*Mills (d)
*Pike, Z. M.
Sage (b)
Smith, H. M. (i)
Smith, J. R.
Webb, W. E.
- Katmai, Mt. etc.**
Abbot (b)
Griggs
Hubbard, B. R. (b)
Martin, G. C.
Tyrrell
- Keewatin**
Nordenskjold
Wilson, J. A. (b)
- Kenai, Peninsula, River**
Cane
Eddy
Grennell (d)
Radclyffe
Shiras (b f)
Thomas, W. S. (b)
See also Alaska
- Kentucky**
*Allen, J. A. (e)
*Audubon (c)
Bailey, G. S.
*Boone
Dodge, T. A. p.213, 286-8,
301, 333
*Evermann
**Filson
*Funkhouser
Graham, Dr.
Hall, B. (c)
Hough (b)
Huntington, E.
Kingston
Nuttall (b)
Palmer, J.
**Rafinesque
Revvil
Schultz
Smith, J. R.
Spears
Volney no. 5
Webber, C. W. (d)
Wissler v.22
- Keweenaw Peninsula**
East, B.
- Keys, Florida**
Gifford, J.
Howard, H.
LaGorce (c)
Longley, W. H. (a b)
Small, J. K.
- Kilpatrick, Mt.**
Palmer, H. (b)
- King George IV Lake**
Selous, F. C. (h)
See also Newfoundland
- King William's Land**
Gilder
Markham (d)
Mecking
Mirsky
Peary (c)
- Kippewa Lake**
Selous, F. C. (h)
See also Macmillan River
- Klamath River**
Grant, M.
- Klondike Dist. & River**
Dall (c)
Heilprin
Ogilvie
**Selous, F. C. (h)
**Sheldon (b)
Simpich (d)
See also Canada; Yukon
- Kluane Lake**
Riggs, T.
Washburn, B. (b)
- Kobuk River**
Stuck (b)
See also Alaska
- Kootenay River & Lake**
Baillie-Grohman
Hornaday
Outram
Wright (b)
See also British Columbia;
Columbia River
- Kotzebue Sound**
Hayes, J. G. (a)
Mecking
Mirsky
Stuck (b)
See also Alaska
- Kuskokwim River**
Pike, W. (a)
Radclyffe
Stuck (a b c)
See also Alaska; Mt.
McKinley
- Kussiloff, Kasilof River**
Cane
Hubback (b)
Radclyffe
- Labrador**
Abbe
*Audubon (c) p. 268
*Brewster (S. L.)
Cabot (N. L.)
- Cartwright**
Coleman
Comeau (a b)
*Ellis (Hubbard)
Forbes, A.
Gathorne-Hardy (a)
***Grenfell (a b c d)
Hallock (b)
Hind, H. Y.
*Hubbard, L.
Low (S. L.)
MacMillan, D. B. (b e)
Miller, O. M. (b)
Odell
*Prichard (c d e)
Stupart
Thompson-Seton
**Townsend, C. W. (a d)
*Wallace, D. (a b)
Wood, W.
See also Nascaupsee River;
Quebec; Ungava Bay
- Laird River**
Burg, A. (d)
- La Perouse, Mt.**
Washburn, B. (a)
- Lassen Volcano**
Simpich (c)
- Lewes River**
Burg, A. (b)
Osgood (a)
Pike, W. (a)
Sheldon (b)
See also Canada; Yukon
- Little Whale River**
Curran
See also Great Whale
River; Hudson Bay
- Logan, Mt.**
Lambert, H. F.
Washburn, B. (b)
- Louise, Lake**
Outram
Wilson, J. A. (a)
See also Alberta, Canada
- Louisiana**
Audubon (c)
Dunraven (b)
Graves, R. A. (b)
Huntington, E.
Marcy (e)
Nuttall (b)
Schultz
Smith, J. R.
Spears
- Lowell, Glacier**
Washburn, B. (b)
- Lower California**
Corey, H. (d)
Farnham, T. J. (b)
Grey, Z. (c)
Guie
Hanna, G. D.
Holder (a)
*Hornaday (a)
North
Oberlander

Lower California—Continued

- Shelton
 *Whymper, F.
See also Mexico
- Lucania, Mt.**
 Washburn, B. (b)
- Lyell, Mt.**
 Freeman, L. R. (a)
- Mackenzie River, Mts.**
 Allen
 Burg, A. (d)
 Butler, W. F. (b)
 Dall (b)
 Dease
 Fernard-Michel
 Freeman, L. R. (a)
 Greely, A. W. (c)
 *Hanbury (b)
 *Inman
 Keele
 ***Mackenzie, A.
 McLean
 Mair
 Markham (d)
 *Outram
 Petitot (a b)
 Preble
 Richardson (a b)
 Schwatka (c)
 **Sheldon (b)
 **Stefansson (a)
 Stewart, E.
 **Stuck (c)
 Tache
 Tyrrell
 Wilkins (c)
 Wilson, J. A. (b)
See also Athabaska;
 Barren Grounds;
 Great Slave Lake
- Macmillan River**
 Osgood (c)
 Selous, F. C. (h)
 Sheldon (b)
See also Yukon
- Madison, Mt.**
 Roy, L. C. (b)
- Magdalena Bay, Island,
 and Plains**
 Hanna, G. D.
 Nelson, E. W. (c)
- Maine**
 Audubon (c)
 Burt
 Farrar
 Martindale
 Singer
 Van Dyke, C. N.
- Malaspina Glacier**
 Washburn, B. (a b)
- Mammoth Cave**
 Bailey, G. S.
 Evermann
 Filson
 Kingston
 Taylor, B.
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Managua

- Sultan, D. I.
- Manitoba**
 Grant, G. M.
 Latham
 Outram
 Wilson, J. A.
- Marcy, Mt.**
 Vosburgh
See also New York
- Maryland**
 Browning
 Burnaby
 Hall, B. (c)
 Palmer, J.
 Smith, H. M. (i)
 Smith, J. R.
- Massachusetts**
 Hall, B. (c)
 Palmer, J.
 Smith, J. R.
- Mazama, Mt.**
 Atwood, W. W.
 Williams, I. A.
- Merced River**
 Schmeckebier
- Merrimac River**
 Moses, G. H. (a)
- Mesa Verde Park**
 Markley
 Schmeckebier
See also Colorado
- Meteor Crater**
 Boutwell
See also Arizona
- Mexico**
 *Agassiz, A. (a)
 Audubon (c)
 Birkinbine
 Burbridge
 Carpenter, D. A.
 Chapman, F. M. (i)
 Collins, G. N.
 Corey, H. (a b d f)
 Darton, N. H. (c)
 **Dodge (c)
 Farnham, T. J. (b)
 Ferry
 **Franck (a i)
 Fraser, E. R.
 *Gadow
 Gerstacker
 Graham, Dr.
 Hall, B. (b)
 Hanna, G. D.
 *Hobbs
 *Hornaday (a)
 Hough (b)
 Kerbey (c)
 Kingston
 Kirkwood
 Kolb, E.
 Kroeber
 Ledbetter
 Lindbergh
 Lumholtz (b)
 Lummis
 MacDougal

- Mendenhall
 Morley, S. G.
 Nelson, E. W. (c)
 Nuttall (b)
 Olsson-Seffer, H.
 Olsson-Seffer, P.
 Osborn (b)
 Oswald
 Parkman
 Prorok (b)
 Radin (a) ch.3, 5
 Russan
 Russell, P.
 Ruxton (b c)
 Schwatka (b)
 Shields (a)
 *Shiras (b)
 Simpich (h)
 Singer
 Smith, G.
 Smith, G. O.
 Stead (b)
 Stevens, A. W. (a)
 Thomas, W. S. (a)
 Townsend, C. W. (d)
 Treves (a)
 *Wallace, D. (c)
 Wilson, R. A.
 Zimmerman
- Michigan, State, Lake**
 Chater, M. (c)
 East, B.
 Hallock (b)
 Henshall
 MacGillivray
 Northrup
 Shantz
 Shields (a)
 Shiras (d)
 Smith, J. R.
 Vivian, A. P.
 Wood, J. B. (c)
- Michoacan**
 Corey, H. (d)
- Minchumina Lake**
 Stuck (b)
See also Alaska
- Minnesota**
 Gillmore (j n ch 6)
 Graves, H. S.
 Robinson, B. C.
 Shiras (d)
 Smith, J. R.
- Mississippi, State, River**
 Audubon (c)
 *Fountain
 Gerstacker
 Graves, R. A. (b)
 Hall, B. (c)
 *Irving, W. (b)
 *Marcy (c)
 Nelson, W. A.
 Nuttall (b)
 Parkman
 *Pike, Z. M. (a)
 Schultz
 Simpich (e)
 Spears
 Wood, J. B. (c)

Missouri River

Freeman, L. R. (b)
 French
 Gore
 *Irving, W. (b)
 Leveson, D.
 **Lewis & Clark
 **March (c)
 Ruxton
 Simplic (e)
 Wright, D.

Missouri State

*Audubon (c)
 *Boone
 *Fountain (a)
 Gerstacker
 Gillmore (n ch.28)
 Hall, B. (c)
 Hough (b)
 *Lewis & Clark
 Palmer, John
 Simplic (e)
 Spears
 Tschiffely
 Wright (b)

Mistassini or Mistastén Lake & River

Cabot
See also Labrador; Quebec; Ungava

Mitchell, Mt.

Chater, M. (h)
See also N. Carolina

Mitla

Zimmerman

Mogollon Mts.

Hough (b)
 Wallace, D. (d)
See also Arizona; New Mexico

Mohave Desert

MacDougal (b)
 Simplic (k)
See also California; Death Valley

Molligojack Lake

Selous, F. C. (h)
See also Newfoundland

Monongahela River

Rafinesque

Monroe Mt.

Roy, L. C. (b)

Montana

**Baillie-Grohman (c)
 Darton, H. N.
 **Dunraven (a b)
 **Gillmore (j n ch. 1)
 Hale
 Hebard, G. R.
 Henshall
 Huntington (a)
 Lane, F. K. (a b)
 Mills (d)
 Mitchell, G. E. (b)
 Murphy, J. M. (a b)
 Pickett
 *Rogers, A.
 Sanders, A. H.

Schmeckebier

*Shields (a b)
 Smith, H. M. (e)
 *Stefansson (b)
 Wallace, D. (c)

Motagua River Sands**Mt. McKinley**

Brooks
 Browne, B.
 Capps, S. R.

**Sheldon

*Stuck (a)
 Washburn, B. (c)
See also Alaska; Denali

Nascaupée or Naskaupi River

Hubbard, L.
 Wallace, D. (b)
See also Labrador

Nastapoka River

Curran
See also Canada; Hudson Bay

Natural Bridge

Burnaby
See also Virginia

Navajo Mts., River

Barton, N. H. (b)
 Bernheimer

Nayarit

Corey, H. (b)
See also Mexico

Nebraska

Allen, J. A. (d)
 Chapman, F. M. (c)
 Leidy
 Osborn (b)
 Sage (h)
 Stevens, A. W. (c)
 Vivian, A. P.

Nevada

Adams, J. C.
 Chapman, F. M. (c)
 Chapman, R. H.
 Dunraven (b)
 Gillmor
 Hayden, F. V.
 Kolb, E.
 Mitchell, G. E. (e)
 Smith, J. R.

New Brunswick

Audubon (c)
 Burt
 *Dunraven (a)
 Graves, H. S.
 Hallock (b)
 Hardy
 Martindale
 Singer
 Smith, H. M. (c)
 Thomas, W. S. (a b)
 Vivian, A. P.
 Wilson, J. A. (a)

New England

Flagg
 Samuels, E. A. (a)

Wallace, F. W.

See also Maine; New Hampshire; Vermont, etc.

Newfound Gap

Roy, L. C. (a)

Newfoundland

Bartlett, Capt.
 Birket-Smith
 Bonnycastle
 Cabot
 *Dugmore (b)
 *Dunraven (a)
 Gilliard
 Gordon-Cumming, R.
 Hallock (b)

*Millais

Peel (c)
 *Prichard (c d)
 Rogers, J.
 *Selous, F. C. (h)
 Shiras (b)
 Wallace, F. W.
 Ware
 Wilson, J. A. (a)

New Hampshire

Baynes (a b c e)
 Burnaby
 Moses, G. H. (a)
 Roy, L. C. (b)
 Stevens, A. W. (a)
 Torrey (c)

New Jersey

Audubon (c)
 Burnaby
 Kuerzi
 Mitchell, G. E. (e)
 Sharp

New Mexico

Allen, J. A. (d)
 Bailey, V.
 Blake, F.
 Darton, N. H.
 Douglass, A. E.
 Emerson
 *Fountain (a)
 Hough (b)
 Judd, N. M. (a c e)
 Lee, W. T. (a b)
 Lummis
 MacDougal
 Mills (d)
 Mitchell, G. E. (b)
 Rideing
 *Ruxton
 Sage
 Schmeckebier
 Simplic (m)
 Smith, J. R.
 *Wallace, D. (d)
 Wissler v. 15

New York

Audubon (c)
 Burnaby
 Burroughs (c)
 Crowder, W.
 Hammond
 Northrup

New York—Continued

Palmer, J.
Showalter (b)
Vivian, A. P.

Niagara Falls

Hobbs, W. H.
Noyes, T. W.
Seamans
Showalter (b)
Volney ch. 3

Nicaragua, State, Lake

*Byam
Calvert, A. C.
Grosvenor, G. (b)
Lindbergh
Pittier, H.
Squier (a)
Stevens, L. J. (a)
Sultan
See also Central America

North Carolina

Ariza
Chater, M. (h)
Epler
Smith, J. R.
See also Carolina

Northwest Territory

Buchanan
Dugmore (b)
Keele
See also Canada

Nova Scotia

Audubon (c)
*Dunraven (a)
Hallock (b)
Hardy
Longstreth
MacKenzie, C. D.
Pattillo
Smith, H. M. (c)
Vivian, A. P.
Wallace, F. W.
Ware
Wilson, J. A. (a)

Oaxaca

Collins, G. N.
Corey, H. (a d)
Zimmerman

Ogilvie Mts.

Lambert, H. F.
Osgood (c)
Selous, F. C. (h)

Ohio, State & River

Boone
Edwards
*Evermann
*Filson
Gerstacker
Hall, B. (c)
*Nuttall (b)
Palmer, J.
*Rafinesque
Robinson, B. C.
Schultz
Spears
Wood, J. B. (c)

Okeechobee

Heilprin
LaGorce (c)
See also Florida

Okefinokee Swamp

Harper, F.

Oklahoma

Smith, J. R.
See also Prairie Country

Olympic Mts.

Barnes, A. H.
Borah
Webster
Wright (b)
See also Washington State

Ontario, Prov., Lake

Geikie
Schultz
*Selous, F. C. (h)
Shiras (d)
Showalter (b)
Vivian, A. P.
See also Canada

Oregon

*Adams, J. C.
Atwood, W. W.
Burg, A. (a)
Cassin
Dion, C. R.
Farnham, T. J. (a b)
Finley, W. L.
Graves, C. E.
*Inman (b)
King, C.
*Marcy (c)
Montgomery
Murphy, J. M. (a b)
Oberholser

*Parkman
Ross, A.
Sage (a)
Schultz (b)
Smith, H. M. (e)
Smith, J. R.
Thornton
Vachell
Victor
Williams, I. A.
Wynd

Oregon Trail

Burg, A. (a)
Hebard, G. R.

Orizaba, Mt.

Chapman, F. M. (i)
Corey, H. (f)
Melgareio

Orosi, Mt.

Pittier, H.

Otero Basin

MacDougal

Ottawa River

Fountain (c)
Hallock (b)
See also Canada

Ozark Mts.

Simpich (e)
See also Missouri

Pamlico Sound

Epler

Pana Gulf

Treves (a)
See also West Indies

Panama, Canal Zone

Beebe, W. (c)
*Carpenter, F. G. (d j)
Chapman (l)
Davis, R. N.
Ditmars (f)
Grosvenor, G. (b)
Guillemand (b)
Lindbergh
Shiras (c h)
*Townsend, C. W. (c)
Treves (a)
Tschiffely
Vinton, K. W.
**Whymper, E. (b)
Zahm

Panamint Mts.

See Death Valley; California

Paradise River

Barnes, A. H.

Peace River

Butler, W. F. (a)
Harmon
Jones, B.
Mackenzie, A.
Mair
Pike, W. (a)
Stewart, E.

See also Athabaska Lake; Canada; Great Slave Lake, River

Pelly River, Lake, Mts.

Cane
Keele

*Pike, W. (a)

Schwatka (c)

*Selous, F. C. (b)
See also Canada; Yukon

Pemigewasset River

Moses, G. H. (a)

Pennsylvania

Audubon (c)
Hall, B. (c)
Palmer, J.
Post
Schultz
Webber, C. W. (d)

Peten Lake & Prov.

Lee, T. F.
See also Guatemala

Petrified Forests

Schmeckebier

Pikes Peak

Kerbey, M. (a)
Mather (a)
See also Colorado

Placid Lake

Showalter (b)
Vosburgh

Platte River, North, South

La Platte
Ault

- **Dodge (b)**
***Dunraven**
French
Inman (b)
Irving (b)
***Lewis & Clark**
***March (c)**
Parkman
***Pike, Z. M. (b)**
Ruxton
Pontchartrain Lake
Graves, R. A. (b)
Popocatepetl, Mt.
Corey, H. (f)
Melgareio
Porcupine River
Riggs, T.
Stuck (c)
See also Alaska
Potomac River
Burnaby
Powder River
Irving (b)
See also Rocky Mts
Prairie Country
Bennett, E. (b)
***Fountain (a)**
***Gillmore (b e j)**
Hamilton, W. T.
Irving, J. T. (a b)
Irving, W. (a)
***Marcy (a b)**
Palliser
***Parkman**
Revol
***Roosevelt, T. (c d e)**
***Shields (a b)**
Thornton
Webber, C. W. (c)
Presidential Range
Roy, L. C. (b)
Prince Rupert Sound
Greely (c)
Pritchett Valley Bridge
Cummings, B.
See also Utah
Puget Sound
Barnes, A. H.
Borah
Muir
Smith, H. M. (e)
Quebec
Comeau
Curran
Low (S. Q.)
Vivian, A. P.
See also Canada
Quintana Roo
Morley, S. G.
See also Yucatan
Rainbow Natural Bridge
Bernheimer
Judd, N. M. (d)
Rainier, Mt.
Barnes, A. H.
- Mather (a)**
Roberts, M.
Red River
Burg, A. (d)
Fountain (c)
Marcy (e)
Ruxton
Southesk
See also Canada
Redfish Lake
Shenon & Reed
Reelfoot Lake
Maslowski
Nelson, W. A.
Republican River
Carvalho
Dunraven
Pike, Z. M. (a)
See also Colorado; Kansas; Nebraska
Rhode Island
Burnaby
Richardson Lakes
Farrar
See also Maine
Rio Grande
Darton, N. H. (a b)
Douglass, A. E.
Hough (b)
Kerbey (c)
Ruxton (b)
Simpich (h)
Robson, Mt.
Hollister (a)
Outram
Walcott, C. D. (a)
See also Alberta; Canada
Rock River
Wood, J. B. (c)
Rocky Mts.
***Adams, J. C.**
Bryant
***Carvalho**
Darton, N. H. (l)
****Dodge (c)**
*****Dunraven (a b c)**
Edwards
Farnham
French
Gordon, G.
Hough (b)
****Irving, W. (b c)**
Kyser
Latham
Leveson (d)
****Lewis & Clark**
*****Marcy (b c)**
****Mills (a—d)**
Milton, V.
Murphy, J. M. (a)
Nuttall
Outram
Palmer, H.
***Parkman**
Pickett
****Pike, Z. M. (a b)**
*****Roosevelt, T. (c)**
***Ruxton (b c)**
Sabin (c)
- Sage (a c)**
Schwatka (c)
***Selous, P.**
Seton-Karr (b)
***Shields (a—f)**
Singer
***Southesk**
Stead (b)
Stutfield
Thornton
Townsend, J. K.
Vivian, A. P.
****Wallace, D. (d)**
Washburn
Wilcox (a b c)
Williamson, A.
***Wright (a b)**
Young, E.
See also Cont. Divide
Rupert's Land
Birket-Smith
Russell Mt.
Selous, F. C. (h)
See also The Yukon
Saco River
Moses, G. H. (a)
Sacramento River
Simpich (c)
Saguaro Forest
Shantz
Saguenay River
Fountain (c)
Grey, Z. (b)
Hallock (b)
Wilson, J. A. (b)
See also Canada; Ontario
St. Elias Mt.
Abruzzi (a)
Elliot, H. W.
Lambert, H. F.
Riggs, T.
Schwatka (c)
Washburn, B. (a b)
See also Alaska
St. Helens Mt.
Borah
St. Lawrence Gulf, River
Audubon (c)
Bartlett, Capt.
Bulger (b)
Comeau
***Fountain (c)**
Hallock (b)
Hardy
Holder (e)
Low
****Mackenzie, A.**
MacKenzie, C. D.
Showalter (b)
***Townsend, C. W. (c)**
See also Canada
Salmon River
Shenon & Reed
Salt Lake, Great
***Burton, R. F. (d)**
Carvalho

Salt Lake, Great—Continued

Cody (a)
 *Dunraven (c)
 Inman (b)
 Mitchell, G. E. (e)
 Sabine (c)
See also Utah

Salton Sink, Sea, Desert

Bigelow
 Darton, N. H. (b)
 Davis, A. P.
 MacDougal (b)
 Mendenhall
 Simpich (k)
 Whitaker, H.

Salvador

Adams, H. C. (g)
 Tschiffely

San Bernardino Mt.

Darton, N. H. (b)
See also California

San Gabriel Mt.

Simpich (k)

San Joaquin River

Adams, J. C.
 Simpich (c)
See also California

San Juan River, Mts.

Bernheimer
 Mitchell, G. E. (a)

Santa Catalina Mts.

MacDougal (b)
 Shantz
See also Arizona

Santa Clara Valley, Desert

Nelson, E. W. (c)
 Wells, A. J.

Santa Fe Trail

Carvalho
 Gilmore (e)
 Inman (c)
 Kindall
 Parkman

Santiago River

Corey, H. (b)

Saranac, Lake

Vosburgh
 Walsh, Dr. (b)
See also Adirondacks

Sargasso Sea

Calman
 Elliot, G. F. S. (b)
 Gordon, M.
 Herdman
 Pillsbury
 Simmons, G. F.
 Treves (a)
See also West Indies

Saskatchewan

Bentley, R. ch. 18
 Cockerell

****Dunraven (a)**

Franchere
 Freeman, L. R. (a)
 Grant, G. M.
 Harmon
 Milton, Visc. (a—c)
 Outram
 Rainsford (a)
 **Russell, F. (b)

****Southesk**

Washburn
 Wilcox (b)
 Wright (b)
See also Canada

Sawtooth Mt.

Shenon & Reed

Scoresby Sound

Boyd, L. A.
 Dahl
 Hayes, J. G. (a)
 Mecking
 Mirsky
 Rasmussen
See also Greenland

Selkirk Mt.

Palmer, H. (a b)
 Walcott, C. D. (a)
 Wilcox (b)
 Wilson, J. A. (a)
 Wright (b)

Sequoia Park

Schmeckebier
 White, J. R.

Seward Glacier

Washburn, B. (b)

Shasta, Mt.

Graves, C. E.
 King, C.
 Mather (a)
 Simpich (c)
 Whitaker, H.
 Williams, I. A.

Shenandoah National Park

Showalter (d)

Shoshone

King, C.
See also Sierra Nevada

Sierra, Western

Oswald
 Simpich (c)
 Wallace, D. (c)
See also Mexico

Sierra Madre Mts.

Darton, N. H. (b)
 Gadaw
 Holder

***Lumholtz (b)**

Olsson-Seffer, H.
 Oswald
 Patterson, J. N.
 Singer
See also California,
 Southern; Mexico

Sierra Nevada

Adams, J. C.
 King, C.
 Kirby, C.
 Oberholser
 Vivian
See also California

Sinaloa

Corey, H. (d)

Smith Sound

Byrd (e)
 Hayes, J. G. (a)
 MacMillan, D. B. (b e)

Markham (d)

Mecking
 Peary (c)
 Streeter
See also The Arctic;
 Greenland

Smoky Mts.

Chater, M. (h)

Snake River

Burg, A. (a)
 Dunraven (c)
 Inman (b)
 Irving (b)
 Sabin (c)

Sonora, Prov., Desert

Birkinbine
 Corey, H. (d)
 Cremony
 Hough (b)
 MacDougal (a b)
 Mowry
 Singer

***Wallace, D. (c)**

See also Mexico

South Carolina

See Carolina

Spokane River

Borah

Stewart River

Selous, F. C. (h)
See also The Yukon

Stikine River

Burbridge, B.
 Pike, W. (a)
 Schwatka (c)

***Sheldon (b)**

Tache

See also British Columbia;
 Canada; Cassier

Stuart, Lake, River

Harmon
 Mair
 Pike, W. (a)
 Sheldon (b)

See also Alaska; Stewart
 R

Sub-Arctic

Tyrrrell

See also Alaska; Arctic;
 Canada

Superior, Lake

East, B.
 Nichols, R. A.
 Shiras (b d)
 Smith, G.

Susitna River

Stuck (c)
See also Alaska

Tabasco

Collins, G. N.

Tacoma Mt.

See Mt. Rainier

Tahoe, Lake

Jordan, D. S. (a)
 Whitaker, H.
See also Sierra Nevada;
 California

- Tanana River**
Burg, A. (b)
Capps, S. R.
Schwatka (c)
Stuck (a b c)
See also Alaska; Yukon
- Taughannock River Falls**
Showalter (b)
See also New York
- Tehuacan Desert**
MacDougal
See also Mexico
- Tehuantepec Isthmus, State, River**
Corey, H. (a f)
Olsson-Seffer, H.
- Teklaneka River**
Capps, S. R.
See also Alaska
- Ten Thousand Smokes, Valley**
Griggs (a b c)
- Tennessee**
Audubon (c)
Hall, B. (c)
Hough (b)
Mitchell, G. E. (c)
Nelson, W. A.
Palmer, J.
Rafinesque
Roy, L. C. (a)
Schultz
Smith, J. R.
Torrey (d)
- Teton Basin**
Inman (b)
Vachell
Wallace, H. F. (a)
See also Wyoming
- Texas**
Audubon (c)
Carson
Cassin
Cordier
Darton, N. H. (a)
**Dodge (c)
**Flack (a b c d)
Hough (b)
Kendall
Kerby (c)
MacDougal
Mitchell, G. E. (d)
Sage
Simpich (h)
Smith, G. O.
Torrey (e)
Tschiffely
*Webber, C. W. (d)
- Thousand Islands**
Mayer, A. M.
Showalter
See also St. Lawrence
- Three Sisters, Mt.**
Williams, I. A.
- Thunderhead Mt.**
Roy, L. C. (a)
- Toklat River**
Capps, S. R.
- Toluca**
Melgareio
See also Mexico
- Torngats, Mts.**
Abbe
Forbes, A.
Odell
See also Labrador
- Trinidad River**
Shiras (h)
- Turnagain Arm**
Stuck (c)
See also Alaska
- Tweedsmuir Park**
Tweedsmuir
See also British Columbia
- Two Ocean Pass**
Jordan, D. S. (a)
- Tyndall, Mt.**
King, C.
See also Sierra Nevada
- Unalaska**
Melville
See also Alaska
- Ungava Bay**
Forbes, A.
Hubbard, L.
Miller, O. M. (b)
Wallace, D. (b)
See also Labrador
- Utah, State & Desert**
Allen, J. A. (d)
Bernheimer
Brown, B. (b)
Burton, R. F. (d)
Clatworthy
Cummings
*Dunraven (b c)
*Fountain (a)
Hayden, F. V.
Huntington (a)
*Hyrst (a)
Judd, M. M. (d)
Kolb, E.
Mitchell, G. E. (b c e)
Murphy, J. M. (a)
Oberholser
Schmeckebier
Vivian, A. P.
Wetmore (a)
Woodburn, L. A.
- Vancouver**
See British Columbia
- Vancouver Mt.**
Washburn, B. (b)
- Vermont**
Corey, H. (c)
See also Champlain, Lake
- Victoria-Land**
Collinson
Mirsky
See also The Arctic
- Virginia**
Audubon (c)
Burnaby
- Hall, B. (c)
Palmer, J.
Showalter (d)
Thomas, W. S. (a)
Torrey (g)
- Washington, Mt.**
Mather (a)
Torrey
See also White Mts.
- Washington State**
*Adams, J. C.
Ariza
Barnes, A. H.
Borah
*Dunraven (b)
Montgomery
Murphy, J. M. (a b)
Roberts, M.
Schultz (b)
Smith, H. M. (e)
Victor
Webster
Wright (a b)
- Wellington Channel**
McCormick
Mecking
Mirsky
- West Indies**
*Cory (b c)
Cron
Elliott (d f)
*Franc (c)
Pattillo
Stuart, V.
*Trevies
See also Bahamas; Cuba; Hispaniola; Jamaica; Porto Rico; Santo Domingo
- West Virginia**
Boone
Smith, J. R.
See also Virginia
- White Mts.**
Mather (a)
Moses, G. H. (a)
Torrey
See also New Hampshire
- White River**
Riggs, T.
- White Sand National Monument**
Emerson
See also New Mexico
- Whiteface Mt.**
Showalter (b)
- Whitney, Mt.**
Abbot (b)
King, C.
Holder (e)
Jordan, D. S. (a)
King, C.
Mendenhall
Simpich (k)
Whitaker
See also Sierra Nevada

- Whymper, R.**
Schwatka (c)
- Willamette River and Falls**
Burg, A. (a)
Thornton
Victor
See also Columbia River
- Willoughby River**
Corey, H. (c)
- Wilson, Mt.**
Patterson, J. N.
- Wind, River and Mts.**
Inman (b)
Sabin (c)
Thornton
See also Rocky Mts.
- Winnepesaukee River**
Moses, G. H. (a)
- Winnipeg, Lake & River**
Butler, W. F. (a b)
Dunraven (a)
Seton
See also Canada
- Winooski River**
Corey, H. (c)
- Wisconsin**
Graves, H. S.
March (b)
Nichols, R. A.
Robinson, B. C.
Shiras (d)
Smith, G.
Smith, J. R.
- Wyoming**
Allen, J. A. (d)
**Baillie-Grohman (c)
Brown, B. (a b)
Cordier
**Dunraven (a b)
French
Grosvenor, G. (c)
Huntington (a)
Kolb, E.
- Lane, F. K. (a)
*Mills (d)
Mitchell, G. E. (b c e)
Murphy, J. M. (a b)
Osborn (b)
*Pickett
Seton-Karr (b)
Singer
Vachell
Vivian, A. P.
*Wallace, D. (d)
Wright p. 76 (a)
See also Jackson Hole;
Teton Basin
- Yakutat Bay**
Washburn, B. (b)
- Yellowstone River, Falls**
Audubon (c)
Boone
**Dunraven (b c)
Evarts
Freeman, L. R. (b)
Hayden, F. V.
*Kephart
Kingsley
**Lewis & Clark
*Mills (c d)
Noyes, T. W.
*Pickett
Rainsford (a)
Rogers, A.
Sabin (c)
Seamans
Shiras (b)
Skinner
Wallace, H. F. (a)
Wright (b)
See also Rocky Mts.
- Yosemite Valley and Falls**
Adams, J. C.
Atwood, W. W.
Fountain (a)
Hall, C.
- King, C.
Noyes, T. W.
Seamans
Simpich (c)
Vivian
Whitaker, H.
Wright (b)
See also California
- Yucatan**
Huntington, E.
Morley, S. G.
Olsson-Seffer, P.
Willard
Wissler (b)
- Yukon Territory and River**
Burg, A. (b d)
Dall (b c)
***De Windt (b)
Elliott, H. W.
*Inman
Keele
Lambert, H. F.
McGuire
Nelson (b)
Ogilvie
*Osgood (a c)
Petitot
**Pike, W. (a)
Riggs, T.
***Selous, F. C. (11)
***Sheldon (b)
Simpich (d)
**Stefansson (a)
Stewart, E.
**Stuck (a b c)
Turner
Washburn, B. (b)
Wilkins (d)
See also Alaska; Canada;
Lewes River
- Yzabal, Lake**
Tisdell
See also Guatemala
- Zempoaltepec Mt.**
Corey, H. (a)

Section 2. Division 4. SOUTH AMERICA

Geographical information is wanting as to considerable sections of terra incognita in Western Brazil, between the Purús, Juruá and Yavari Rivers and in the Parima mountains near the boundary between Brazil and Venezuela, where the "much dreaded" Guaharibo Savages hold forth.

Aconcagua, Mt., River,

Province

Adams, H. C. (b)

*Carpenter, F. G. (c)

**Conway (f)

Keane (c)

See also Andes;

Argentina; Chile;

Cordillera

Acre, Prov.

Church

*Enock

*Grubb

Woodroffe

See also Bolivia; Brazil

Amazon River

Adalbert

***Agassiz, L.

*Bates

Bigg-Withers

Bobadilla

Brown, C. B.

Burton, R. F. (m)

***Carpenter, F. G. (e)

Chaffanjon

*Chandless

Chapin, E. A.

Chapman, F. M. (h)

Church

Cott

Crampton, H. E.

*Dalton

Davidson

***Dickey

Durand

***Dyott

***Enock

Ewbank

Fisher, A. H.

***Fleming

Fletcher

Fountain (b d)

*Grubb

Heilprin (e)

Holland

Holt, E. G. (a b)

**Johansen

Keller

Killip

Kingston

Koch-Grunberg

Lange

McDermott

*McGovern

Maw

Musters

Orton

Overbeck

Prodgers

Rice

**Roosevelt, T. (i)

**Saint-Cricq

Schurz

Serafim

Simpich (f)

Smith, H. H.

Spruce

Stevens, A. W. (d)

Stuart, V.

Tate, G. H. H.

Thomson, W.

Tomlinson

Urbano

**Wallace, A. R. (d)

**Wells, J. W.

**Whymper, E.

Williams

Woodroffe

***Zahm (b c d e)

See also Bolivia; Brazil;

Chile; Colombia;

Ecuador; Guiana, Brit.;

Rio Negro River;

Solimoes; Venezuela

Amazonas Territory

*Dalton

Fountain (d)

*Grubb

See also Amazon; Brazil;

Peru

Amazonia

Grubb (a)

Schurz

See also Amazon

Andagua Valley

Shippee (a)

Andes Mts.

Burg, A. (c)

Calderon, Y.

***Carpenter, F. G. (c)

Chapman, F. M. (g h)

Church

*Conway (e)

***Darwin

**Dell

Desmond

Dyott, G. M. (c)

***Enock

Falkner

Fisher, C

Fountain (b d)

Gill, Mrs

*Grubb

Holt

Holton

Keane (c)

Killip

Kingston

Larden

Lee, J.

Lydekker (a)

Maw

Means, P. A.

Nesbitt

Orton

Overbeck

Prichard (d)

Prodgers

Radin (a)

**Saint-Cricq

Schumann

Shippee (b)

Skottsberg

*Spruce

*Squier (c)

Stead (b)

Tschudi

**Whymper, E

Williams

***Zahm (a b c d e)

See also Argentina; Chile;

Columbia; Cordillera;

Ecuador; Patagonia;

Peru

Antarctic

MacCormick

Murdoch (a)

See also Polar Regions

Anzu R.

Dyott (a)

See also The Amazon;

Brazil

Apure River & State

Holt, E. G. (b)

Johansen

See also Orinoco;

Venezuela

Apurimac River

Bingham, H. (c)

Aracasa R.

Koch-Grunberg

Schomburgk

Stevens, A. W. (d)

See also Brazil; Guiana;

Orinoco

Aragua or Araguaya River

Church

Dyott (b)

*Fleming

Fountain (d)

*Grubb

See also Unare R.

Arauca R. & Province

Grubb

Robertson

Stevenson

See also Andes; Orinoco;

Venezuela

Argentina

Adams, H. C. (b)

Bishop, N. H.

Burg, A. (c)

Argentina—Continued

- *Burton, R. F. (g)
 - ***Carpenter, F. G. (c)
 - ***Duguid
 - *Enock
 - *Grubb
 - Holland
 - *Hudson (a b)
 - Keane (c)
 - Larden
 - Lydekker (a)
 - Macnie
 - *Musters
 - Noyes, T. W.
 - Page
 - Sanders, A. H.
 - Seeber
 - Simpich (g)
 - *Townsend, C. W. (c)
 - Tschiffely
 - Wetmore (b c)
 - *Whitney, C. (c)
 - **Zahm (c)
 - See also* Patagonia
- Aripuana R.**
Grubb (b)
See also The Amazon
- Ataapo R.**
Grubb (b)
See also The Amazon
- Auari R.**
Rice, A. H.
See also The Amazon;
Orinoco

Ballestas

Coker

Beni River

- Church
- Grubb
- Woodroffe
- See also* Bolivia

Boca Grande

- Grubb (b)
- See also* The Amazon

Bolivia

- Bingham, H. (d)
- Calderon, Y.
- ***Carpenter, F. G. (d)
- Church
- *Conway (e)
- *Dell (N B)
- ***Duguid
- *Enock
- Fountain (b d)
- *Grubb
- Holland
- Keane (c)
- Mann, W. M. (b)
- Markham (c)
- Overbeck
- Proegers
- ***Saint-Cricq
- Schurz
- Seeber
- *Townsend, C. W. (d)
- Woodroffe

- Zahm (b)
- See also* Amazon River;
Andes Mts.; Orinoco
River

Branco, Rio

- Crampton, H. E.
- Holt
- Koch-Grunberg
- Schurz
- Stevens, A. W. (d)
- Tate, G. H. H.
- See also* Brazil; Parima
Mts.; Rio Negro

Brazil

- Adalbert
- ***Agassiz
- *Bates
- *Bigg-Withers
- Bobadilla
- Brown, C. B. (a)
- *Burton, R. F. (m)
- ***Carpenter, F. G. (e)
- Chaffanjon
- *Chandless
- Chapin, E. A.
- Church
- Cott
- Crampton, H. E.
- *Dalton
- **Dell (S—W)
- Desmond
- ***Dickey
- ***Duguid (S—W)
- Durand
- Dyott (C B)
- ***Enock
- Ewhank
- Fisher, A. H.
- Fitzroy
- ***Fleming
- Fletcher, J.
- Fountain (b d)
- Gardner
- Glass
- *Grubb (S B)
- Guenther
- *Guillemard (b)
- Holland
- Holt, E. G. (a b)
- ***Johansen
- Keane (c)
- Keller
- Kidder
- Kingston
- Koch-Grunberg
- Lange
- Lydekker (a)
- McDermott (W.B.)
- *McGovern
- Markham
- Musters
- Naumburg
- Neuwied
- Noyes, T. W.
- Proegers (S.W.B.)
- *Rice, Dr.
- **Roosevelt, T. (W.B.)
- ***Saint-Cricq
- Schurz
- Seeber

- Serafim
- Simpich (f)
- Smith, H. H. (I.B.)
- Spruce
- Stevens, A. W. (d)
- Tate, G. H. H.
- Thomson, W.
- Tomlinson
- *Townsend, C. W. (d)
- Urbano
- **Wallace, A. R. (d)
- Waterton
- **Wells, J. W. (E & N.B.)
- **Whymper, E.
- Williams
- Woodroffe
- **Zahm (b c d)
- See also* Amazon R.;
Paraguay; Uruguay

Cahuapanas R.

- Grubb (b)
- See also* Amazon; Andes

Cajamarca Dept.

- Grubb
- See also* Peru

Calua River

Woodroffe

Canabury River & Prov.

- Holt (a)
- See also* Amazon; Orinoco

Cañete Valley

Shippec (b)

Cape Horn

Burg, A. (c)

Caquetá R.

- Grubb
- See also* Amazon; Andes;
Colombia

Caracarahy River

Stevens, A. W. (d)

Caravaya Prov.

- Markham (b)
- See also* S. Peru

Caroné R.

- Zahm (d)
- See also* Amazon; Orinoco

Casanare R. & Prov.

- Grubb
- See also* Amazon; Andes;
Colombia

Cassiquire**Casiuari****Casaquari Canal or River**

- *Dickey
- Holt, E. G. (a b)
- **Johansen
- Koch-Grunberg
- Rice
- Schomburgk
- Smith, H. H.
- *Spruce
- See also* Amazon; Brazil;
Orinoco; Rio Negro;
Venezuela

Cauca R. & Prov.

Grubb
See also Andes;
 Colombia; Magdalena R.

Cayari River

See Madeira River

Chaco Prov.

Adams, H. C. (b)
 Church
 Duguid
 Holland
 Pelleschi
 Simpich (g)
 Wetmore (b c)
See also Argentina

Chaquimayo R.

Grubb (b)
See also Amazon

Chile

Adams, H. C. (b)
 *Bishop, N. H.
 Bourne
 Burg, A. (c)
 ***Carpenter, F. G. (c d)
 Church
 ***Conway (f)
 ***Darwin
 ***Enock
 Fitzroy
 Fountain (b)
 Hall, B. (b)
 Holder
 Holland
 Keane (c)
 Lydekker (a)
 Markham (c)
 Mitchell, G. E. (e)
 Routledge
 Schmitt, W. L.
 Seeber
 Spears
 Stevenson
 **Townsend, C. W. (c)
 Tschiffely
 Wetmore (b c)
 **Whitney, C. (c)
 **Whymper, E.
 **Zahm
See also Andes and
 Aconcagua Mts.

Chiloe

Adams, H. C. (b)
See also Peru

Chimborazo Mt. & Prov.

Fountain (b)
 Whymper, E.
See also Andes; Ecuador

Chinchas

Coker

Chola R.

Grubb (b)
See also Amazon

Colca River

Shippee (a)

Colombia

***André
 Bingham (a)
 ***Carpenter, F. G. (d)

Chapman, F. M. (a h)

Davison, L.

***Dickey, H. S.

Federmann

Fraser, E. R.

*Grubb

***Hingston (b)

Holt, E. G. (b)

Holton

Hyrst (a)

Keane (c)

Killip

Langley

Lindbergh

Lydekker (a)

Noyes, T. W.

*Pérez Triana

Popenoe, W.

Robertson

Schumann

Stevenson

*Townsend, C. W. (d)

Tschiffely

*Whitney, C. (c)

**Whymper, E. (b)

***Zahm (d)

See also Amazon; Andes;

Cordillera; Orinoco

Cordillera Grande

Calderon, Y.

Enock

Fountain (d)

See also Brazil; Andes

Cordilleras

See Andes

Cotinga River

Crampton, H. E.

Cotopaxi or Cotocachi Mt.

Fountain (b)

Whymper, E. (b)

See also Andes; Ecuador

Cuyuni River

Hingston (b)

Darien, Gulf of

Breder

Keane (c)

Lindbergh

See also Caribbean Sea;

Panama

Demerara River

Crampton, H. E.

Ecuador ("Equator")

Anthony, H. E. (c)

Beebe, W. (a c)

***Carpenter, F. G. (d)

Chapman, F. M. (g)

Church

***Dickey

Dyott (a b c)

***Enock

Fountain (d)

Gill, Mrs.

*Grubb

Keane (c)

Lee, J.

*Paez

Schurz

Simson

Spruce

Stevenson

*Townsend, C. W. (c)

Tschiffely

*Whymper, E. (b)

Williams

Zahm

See also Amazon; Andes

El Beni

Grubb

See also Amazon; Beni R.;

Brazil

El Dorado

Zahm (d)

See also Venezuela

El Misti Volcano

Shippee (b)

Equator

Fountain (b)

Lee, J.

See also S. America

Essequibo River

Crampton, H. E.

Heilprin (e)

Hingston (b)

Kennedy, L.

Fresco River

Fountain (b)

See also Amazon

Funza R.

Grubb

See also Colombia

Goyaz Prov.

Wells, J. W.

See also Brazil; Matto

Grosso Mts.

Gran Chacu (Chaco)

Church

Kingston

See also Chaco

Guaharibo Rapids

Dickey (b)

See also Orinoco;

Venezuela

Guainia R.

Grubb (b)

See also Amazon

Guayas R. & Prov.

Grubb

See also Ecuador

Guiana or Guyana, British

***Andre

Beebe, M.

Brown, C. B.

Bull

Codazzi

Crampton, H. E.

Fairchild (a)

*Grubb

Heilprin (e)

Hingston (a b)

- Guiana or Guyana, British—**
Continued
 Holland
 Kennedy, L.
 Kingston
 Kirke
 Lang, H.
 Noyes, T. W.
 *Paez
 Premium
 Raleigh
 *Schomburgk
 Singer
 Stevens, A. W. (d)
 Stuart, V.
 Tate, G. H. H.
 Thurn
 Waterton
 Wissler v. 12
 **Zahm (d)
- Guiana, Dutch**
 **Andre
 Codazzi
 Holland
 Raleigh
 Schomburgk
 **Zahm
- Guiana, French**
 **Andre
 Codazzi
 Holland
 Raleigh
 Schomburgk
 **Zahm
- Huallaga R.**
 Spruce
See also Amazon or
 Maranon; Andes; Peru
- Iguassu, Iguazo River and**
 Falls
 Adams, H. C. (c)
 Noyes, T. W.
- Inirida R.**
 Grubb (b)
See also Amazon
- Isana R.**
 Grubb (b)
See also Amazon
- Iticoahy R.**
 Lange (a)
See also Amazon
- Japura R.**
 Church
 *Grubb
 Schurz
 Smith, H. H.
 Woodroffe
See also Amazon; Andes;
 Colombia; Ecuador
- Javary, Jabary or Xabary R.**
 Lange
 Schurz
 Smith, H. H.
- Woodroffe**
See also Brazil; Marañón
 R.; Peru
- Juruá R.**
 Brown, C. B.
 Chandless
 Church
 Grubb
 Smith, H. H.
 Woodroffe
See also Amazon; Brazil;
 Peru
- Jutahy R. & Mts. (Jutay)**
 Brown, C. B.
 Marcoy (St Cricq)
 Smith, H. H.
 Williams, L.
See also Amazon; Brazil;
 Coari R.
- Kaieteur River and Falls**
 Crampton, H. E.
 Kennedy, L.
 Noyes, T. W.
- Kukenam, Mt.**
 Tate, G. H. H.
- La Plata or the Plate River**
 **Darwin
 Fitzroy
 Holland
 Hudson (a b c)
 Keane (c)
 Page
 Simpich (g)
See also Argentina;
 Uruguay
- Lauricocha Lake**
 Fountain (d)
See also Amazon or
 Maranon; Peru
- Llanos**
 Kingston (a)
See also Orinoco River;
 Venezuela
- Machu Picchu**
 Bingham, H. (c d)
- Madeira or Cayari River**
 *Bates
 Brown & Lidstone
 Church
 **Dyott (b)
 Fountain (b)
 *Grubb
 Keller
 Schurz
 Tomlinson
 Woodroffe
 Zahm (b)
See also Amazon; Brazil
- Magallanes**
 Adams, H. C. (b)
See also Chile
- Magdalena River**
 Chapman, F. M. (h)
 Grubb
- Hildebrand, J. R. (b)**
 Keane (c)
 Popenoe, W.
 Zahm (a e)
See also Amazon; Brazil
- Magellan Straits**
 Barclay
 Bourne
 Burg, A. (c)
 Falkner
 Fitzroy
 *Guillemand (b)
 *Magellan
 Musters
 Spears
 *Townsend, C. W. (c)
See also Chile; Patagonia;
 Tierra del Fuego
- Majes River**
 Shippee (a)
- Mamori R.**
 Grubb
See also Bolivia; Madeira
- Mantaro R.**
 Enock
See also Apurimac R;
 Peru
- Maracaibo Lake & River**
 Grubb
 Keane (c)
See also Venezuela
- Marañón River and Cañon**
 **Enock
 Fountain (d)
 Gill, Mrs.
 *Grubb
 Keane (c)
 Maw
 *Saint-Cricq
 Shippee (b)
 Zahm (b)
See also Amazon
- Matto Grosso**
 Church
 *Duguid
 *Dyott
 *Fleming
 Fountain (b d)
 Grubb
 Keane (c)
 Naumburg
 Schurz
See also Brazil
- Maturaca R.**
 Holt (a)
See also The Amazon
- Mazaruni River**
 Hingston (b)
- Meta**
 Johansen
 Pérez Triana
 Zahm (a)
See also Colombia;
 Orinoco
- Minas Geraes**
 Fletcher
 Wells, J. W.
See also Brazil

Montana

Zahm (a b)
See also Andes

Montezuma Mt.

Abbot (b)

Mucajahy R.

Rice, A. H.
See also Amazon; Orinoco

Mutum River

Woodroffe

Napo River

Dyott (c)

Negro, Rio, Rivers, Provinces

See Rio Negro

New Granada

Church

Fountain (b d)

Paez

*Zahm (a d)

See also Colombia

Orinoco River

***Andre

Church

Crampton, H. E.

Critchell, L. S.

***Dickey

Federmann

Fountain (b)

Gerstacher

*Grubb

Heilprin (e)

Holt, E. G. (a b)

Hyrst (a)

**Johansen

Keane (c)

*Koch-Grunberg

Nesbitt

*Pérez Triana

*Rice, A. H.

*Robertson

*Schomburgk

Spruce

Stevens, A. W. (d)

Stuart

*Whitney, C.

**Zahm (a c d e)

See also Colombia;
 Venezuela

Pacimoni

Spruce

See also The Amazon

Padano, Rio

Schomburgk

See also Brit. Guiana

Pakaraima Mts.

Crampton, H. E.

Pampa, La

Hudson (b)

Hyrst (a)

Keane (c)

Kingston

*Paez

Prichard (b d)

*Saint-Cricq

See also Argentina;
 Patagonia; Rio Colorado

Pará Prov. or Grao Pará

Fletcher, J. C.

Fountain (d)

Lange

Saint-Cricq

See also Brazil

Pará River

Bates

Fountain

Smith, H. H.

See also Amazon River;
 Marajo Is.

Paraguay, State, River

Adams, H. C. (b)

Azara

*Burton, R. F. (g)

***Carpenter, F. G. (e)

Church

**Duguid

**Dyott

Fountain (b)

*Grubb

Keane (c)

Kingston

Lydekker (a)

Page

Prodders (U P.)

*Roosevelt, T. (i)

Seeber

Stead

*Townsend, C. W. (c)

*Wetmore (b c)

*Zahm (c)

See also Bolivia; Brazil

Paraná River

Adams, H. C. (b)

*Carpenter, F. G. (c e)

Fleming

Fletcher

Keller

Kingston

*Wells, J. W.

See also Argentina;
 Brazil; Matto Grosso;
 Paraguay

Paranapura

Zahm (b)

See also Amazon; Parana

Paranatinga

Dyott (b)

See also Brazil; Parana

Paria, Gulf of

Critchell

Parima Sierra

Dalton

**Dickey

*Grubb (b)

Holt, E. G. (b)

Johansen

*Rice, A. H.

Stevens, A. W. (d)

See also Brazil; Orinoco;
 Venezuela

Pastaza R.

Schurz

Spruce

See also Amazon; Andes;
 Ecuador

Patagonia

Barclay

Bourne

Burg, A. (c)

**Carpenter, F. G. (c)

Church

**Darwin

*Enock

Fitzroy

Franck (b)

*Guillemand (b)

Hudson (a c)

*Magellan

Musters

Pelleschi

Prichard (b d)

Simpich (g)

Skottsberg

Spears

*Townsend, C. W. (c)

See also Andes Mts.;
 Argentina

Peru

Bingham (b c d e)

*Burton, R. F. (g)

**Carpenter, F. G. (d)

Church

Coker

**Darwin

*Dell

Desmond

***Dickey

*Enock

Evermann

Fisher, C.

Fountain (b d)

*Grubb

Hall, B. (b)

Hrdlicka (a)

Huntington, E.

Keane (c)

Killip

Kroeber

McDermott (E.P.)

*McGovern

Markham

Maw

Means, P. A.

Murphy, R. C. (a b f)

*Saint-Cricq

Shippee (a)

Spruce

*Squier (c)

Stevenson

*Townsend, C. W. (c)

Tschiffely

Tschudi

*Whymper, E. (b)

Williams

Wissler v.12

Woodroffe

**Zahm (b d)

See also Amazon; Andes;
 Cordillera; Lake
 Titicaca

Pilcomayo River

Adams, H. C. (c)

- Pirai R.**
Grubb (b)
See also The Amazon
- Pisco Valley**
Shippee (b)
- Plata (River), Rio de la**
See La Plata
- Pomayacu R.**
Grubb (b)
See also The Amazon
- Pomeroon River**
Hingston (b)
- Potaro River**
Crampton, H. E.
- Puruni R.**
Brown, C. B. ch.1, 2, 3
- Purús River**
Brown, C. B.
Chandless
Church
- **Dickey**
Fountain (b d)
- *Grubb**
Markham
Serafim
Smith, H. H.
Urbano
See also Amazon; Bolivia;
Brazil; Peru
- Putumayo R.**
Simson
- Rio Grande**
Fletcher
Keane (c)
Whympcr, E. (b)
See also Bolivia; Brazil
- Rio Negro**
Bourne
- **Dickey**
*Grubb
Holt, E. G. (a b)
Hudson (a)
- **Johansen**
Keane (c)
Koch-Grunberg
Musters
- *Rice, A. H.**
***Schomburgk**
Schurz
Seeber
- *Spruce**
Stevens, A. W. (d)
Wetmore (b)
Woodroffe
Zahm (b)
See also Amazon; Argentina; Brazil; Colombia; Uruguay; Venezuela
- Roof of the New World**
Grubb
Zahm (b)
- Roosevelt River, River of Doubt**
Dyott
Roosevelt, T. (i)
- Roraima Mts.**
Crampton, H. E.
Tate, G. H. H.
- Salcantay Mt.**
Bingham, H. (c)
- San Juan River**
Davison, L.
- Sangay, Mt.**
Dyott (c)
- Santa Barbara Mts.**
Dell
See also Andes; Peru
- Santa Maria Valley**
Long, E. J.
- Santiago River**
Grubb
Schurz
See also Amazon; Ecuador
- São Francisco, Rio**
Burton, R. F. (m)
Gardner
Wells, J. W.
See also Brazil; Minas Geraes
- São Paulo**
Dyott
Fletcher
Guenther
Wells, J. W.
See also Brazil
- Seven Lakes**
Fountain (b)
See also Brazil
- Sierra Madre**
Long, E. J.
- Solimões R.**
Grubb
Lange
Saint Cricq
See also Amazon
- Sumaen, Mt.**
Dyott (c)
- Surumu River**
Tate, G. H. H.
- Tacutu River**
Stevens, A. W. (d)
- Tanguary River**
Roosevelt, T. (i)
See also Brazil
- Tapajos River**
Fountain (d)
Smith, H. H.
Woodroffe
See also Amazon; Matto Grosso
- Tequendama Falls**
Noyes, T. W.
- Theotonio Falls**
Keller
See also Amazon; Madeira
- Titicaca Lake**
Bingham, H. (c e)
****Carpenter, F. G. (d)**
Church
- *Conway (e)**
Dell
***Enock**
Evermann
***Grubb**
Keane (c)
Markham (c)
Means, P. A.
Overbeck
Prodggers
Squier (c)
***Townsend, C. W. (c)**
Zahm (b)
See also Bolivia; Peru
- Tocantins River**
Church
Fleming
Fountain (d)
***Grubb**
Smith, H. H.
Wells, J. W.
See also Brazil; Maranhao A.; Para
- Trombetas or Oriximina River**
Fountain (b)
Schomburgk
Schurz
Smith, H. H.
Spruce
See also Amazon; Brazil, B. Guiana
- Tungurahua, Volcano, Riv. and Prov.**
Gill, Mrs.
See also Ecuador
- Uaupés River**
Grubb
Spruce
See also Brazil or Apurimac; Colombia, Rio Negro
- Ubinas, Mt.**
Shippee (b)
- Ucayali or Apurimac River**
Church
Enock
Fountain (d)
Grubb
Saint-Cricq
Schurz
Williams
Woodroffe
See also Andes; Peru
- Uraricoera**
Schomburgk
Stevens, A. W. (d)
See also Guiana; Orinoco
- Urubamba River**
Bingham, H. (c)
Grubb
Shippee (b)
See also Amazon; Peru
- Uruguay, State, River**
****Carpenter, F. G. (e)**
Church
****Duguid**

Keane (e)
 Lydekker (a)
 Seeber
 Wetmore (b c)
 *Zahm (c)
See also LaPlata River

Venezuela

**Andre
 Beebe, M.
 *Bingham (a)
 Codazza
 Critchell, L. S.
 Dalton
 *Enock
 Federmann
 Gerstacher
 *Grubb
 Hingston
 Holland
 Holt, E. G. (b)
 Keane (c)
 *Koch-Grunberg
 Langley
 Lindbergh

Lydekker (a)
 Nesbitt
 *Pacz
 *Pérez Triana
 Raleigh
 *Rice, A. H.
 Robertson
 Stuart
 Tate, G. H. H.
 Treves (e)
 Zahm
See also Orinoco; Rio
 Negro

Ventuari R.
 Grubb (b)
See also Amazon
 Veronica, Mt.
 Shippee (b)

Xingú River
 Adalbert
 ***Dyott
 ***Fleming
 Fountain (b d)

*Grubb
 Holt
 Keane (c)
 Schurz
 Smith, H. H.
See also Amazon; Brazil;
 Matto Grosso

Yacuma R.
 Grubb (b)
See also Amazon

Yaguarcocha Lake
 Grubb (b)
See also Amazon

Yanayacu R.
 Grubb (b)
See also Amazon

Yavary R.
 Church
 Saint-Cricq
See also Jabary or Javary
 R.

Yucay R.
 Squier (c)
See also Andes; Peru

Section 2. Division 5. EUROPE

Adriatic

Chater, M. (d)
Koch, F. J. (a b)
McKenzie, K.
Rohe, A.

Albania, Shqiperia

Chater, M. (e)
Coffin
Mackenzie, G. M.
McKenzie, K.
Scriven

Alps Mts.

****Baillie-Grohman** (f h)
Chater, M. (b)
Conway (b)
Crown Prince of Germany
Grosvenor, M. B.
Highton
Hyde, W. W.
Iddings
McKenzie, K.
Minnigerode
Mittelholzer
Moore, W. R. (h)
Piccard
Tafur
****Whymper, E.**
See also Austria, Ger-
many; Italy; Switzer-
land

Andalusia

Chapman, A. (d)
March
See also Spain

Andorra

Fernsworth (a b)
Moore, W. R. (f)

Ardennes

Chandler, D. (a)
See also Belgium

Asturias

Chapman & Buck
McBride, H. A. (b)
See also Spain

Attica Plains

Weddell

Austria, Österreich

***Aflalo** (a)
Albrecht
Chater, M. (di)
Grosvenor, M. B.
Holding, F. P.
Iddings
Jacobi
Koch, F. J. (a b)
Leveson (b)
McKenzie, K.
Moore, W. R. (h)
Patric, J. (b)
Tafur
Townley-Fullam
Williams, M. O. (k)
See also Alps; Tyrol

Azov, Azof Sea

Graham (a)
See also Black Sea;
Caucasus; Crimea;
Russia

Baden-Baden

Geiser

Balaton Lake

Jacobi

Balkans

***Aflalo** (a)
***DeWindt**
Gore, J. H. (b)
Mackenzie, G. M.
Noyes
Williams, M. O. (l)
See also Alps; Black Sea;
Bulgaria; Montenegro;
Servia

Baltic Sea

Chandler, D. (b)
Ellis, W. T.
Olson (b)
Villiers (a)

Banat

Chater, M. (b)

Basque Prov.

McBride, H. A. (b)

Bavaria, Bayern

Minnigerode
Schmid
See also Danube River;
Germany

Belgium, Belgique

Aflalo (a)
Bonaparte (Canino)
Chandler, D. (a)
Piccard
Smith, H. M. (c)
Tafur
Williams, M. O. (n)
Winans

Bessarabia

Winter, N. O.

Biscay Bay

Crawford, D.
Smith, H. M. (d h)

Black Forest (Schwarzwald)

Chater, M. (i)
Cron (b)
Geiser
Marlowe
Untermeyer
Williams, M. O. (k)
See also Baden; Germany;
Rhine

Black Sea, Euxine

Bell, G. L.
Chater, M. (i)
Geiger
Graham
Holmes, H. A.

Kennan, G. (b)

Williams, M. O. (l)
See also Bulgaria;
Caucasus; Crimea;
Rumania; Russia;
Turkey

Blanc, Mt.

Hyde, W. W.
Mittelholzer

Bohemia

Patric (c)
Williams, M. O. (h)

Bosnia

Chater, M. (b)
Coffin
Mackenzie, G. M.
McKenzie, K.
Olson (b)

Bothnia Gulf, Botten Viken

Young, E. (d)
See also Åland I-lands;
Baltic Sea; Finland;
Sweden

Bristol Channel

Wakeman, F.

British Isles

Aflalo (a)
Bonaparte (Canino)
See also England; Ireland;
Scotland

Brittany

Smith, H. M. (h)

Bucovina

Holmes, H. A.
Iddings

Bulgaria (Bulgariya)

Iddings
Mackenzie, G. M.
Minshall
Moore, F.
Noyes
Williams, M. O. (l)
See also Balkans

Camargue

Vialles

Carinthia

Moore, W. R. (h)

Carpathian Mts.

Giles, D.
Gore, J. H. (b)
Holmes, H. A.
Iddings
Marriner, J. T.
Patric (c)
Townley-Fullam

Caspian Sea

Contarini
Dunmore, E.
Ellis, W. T.
***Fraser, J. B. (a)**
Graham (a)
Kennan, G. (b)

- Norden (f)
****Phillips-Woolley (c)**
 Towns
***Vamberg**
 Yule
See also Caucasus; Persia;
 Russia; Turkestan
- Caucasus**
****Abercromby**
 Contarini
***Demidoff (a)**
 Fairchild (d)
 Freshfield (b)
 Graham (a)
 Kennan, G. (b)
 Leveson (d)
 Littledale (a)
 Norman
 Ossendowski (b)
 Percy, E.
****Phillips-Woolley (a b d)**
 Porter, J. H.
 Van der Byl
See also Caspian Sea;
 Georgia; Russia;
 Transcaucasia
- Cenis, Mt.**
 Whympier, E.
See also Alps
- Chamonix**
 Hyde, W. W.
- Circeo, Mt.**
 Caetani
See also Italy
- Como, Lake**
 Mayer, A. E.
- Constance, Lake**
 Williams, M. O. (k)
- Corinth, Gulf**
 Williams, M. O. (b)
- Cornwall**
 Corey, H. (e)
- Crimea, Krim**
 Ossendowski (b)
 Phillips-Woolley (c)
See also Black Sea; Russia
- Croatia**
 Chater, M. (b)
 Iddings
 Koch, F. J. (a b)
 McKenzie, K.
- Czechoslovakia (Ceskoslovenska)**
 Chater, M. (i)
 Giles, D.
 Minshall
 Patric, J. (b c)
 Williams, M. O. (h)
- Dachstein Glaciers**
 Holding, F. P.
- Daghestan**
See Asia
- Dalmatia**
 Chater, M. (b d e i)
 Coffin
- Koch, F. J. (b)
 McKenzie, K.
- Danube, Dundra, River**
***Bonar**
 Chater, M. (b)
 Giles, D.
 Gore, J. H. (b)
 Iddings
 Jacobi
 McKenzie, K.
 Marlowe
 Minshall
 Moore, F.
 Moore, W. R. (h)
 Stead
 Townley-Fullam
 Williams, M. O. (h l)
See also Austria; Black
 Forest, Black Sea;
 Germany; Servia
- Danzig**
 Chandler, D. (b)
- Delarne**
 Gore, L.
- Delecarlia**
 Gore, L.
- Denmark, Danmark**
****Aflalo (a)**
***Bonaparte**
 Chapman, A. (b)
***Chapman, O. M.**
 Dennis, A. P. (b)
 Egan, M. F. (a b)
 Franck
 Hansen
 Holmes, H. A.
 Iddings
 Nansen (d)
 Nillson
 Olson, A. L.
 Rothery
 Smith, H. M. (c)
 Walmsley
See also North Sea
- Devon**
 Corey, H. (e)
- Dnieper River**
 Graham (a)
 Holmes, H. A.
See also Black Sea;
 Russia
- Dolomites**
 Iddings
- Dvina, Daugava, River**
 Chandler, D. (b)
- Ebro River**
 Clark, C. U.
- Elbe River**
 Williams, M. O. (h)
- England**
***Apperley**
 Baillie-Grohman (a)
***Burroughs (d)**
 Carey, E.
***Collins**
 Corey, H. (e)
- Davies
 Graves, R. A. (a)
 Hamilton
****Mais**
 Millais (f)
 Parker
 Pitt
 Wakeman, F.
 Walmsley
 Watson, J.
- English Channel**
 Campbell, A. S.
 Carey, E.
 Hathaway, S.
 Smith, H. M. (h)
- Epirus**
 Moses, G. H. (b)
 Smith, H. M. (c)
- Estonia**
 Chandler, D. (b)
- Finland, Fen-land, Gulf (Suomi)**
 Ault
***Brown, J. C.**
 Chandler, D. (b)
***DuChailu (e)**
 Franck
 Norman
 Olson (b)
 Villiers (a)
 Wainemann
 Young, E.
See also Bothnia Gulf
- Flanders**
 Chandler, D. (a)
See also Belgium
- France**
***Aflalo (a)**
***Bonaparte**
 Bosson, Mrs. (b)
 Bunbury
 Fernsworth (a b)
 Kroeber
 Minshall
 Moore, W. R. (f)
 Roosevelt, T. (o)
 Smith, H. M. (ch)
 Vialles
 Williams, M. O. (n)
- Friesland**
 Gore, J. H. (a)
- Galicja**
 Iddings
 McBride, H. A. (a)
 Winter, N. O.
- Garda, Lake**
 Albrecht
See also Tyrol
- Georgia, Grusia**
 Kennan, G. (b)
See also Russia; Transcaucasia

Germany, Deutschland

- *Affalo (a)
- *Bonaparte
- Bonar
- Buxton, B. H.
- Chandler, D. (b)
- Contarini
- Geiser, K. F.
- Minshall
- Mitchell, G. E. (e)
- Smith, H. M. (c)
- *Tafur
- Untermeyer
- Williams, M. O. (k m)
- Winans

Giant's Causeway

- Byrne, D.
- Downing
- See also* Ireland

Greece, Hellas

- *Affalo (a)
- Davis p. 316-17
- Kroeber
- Loomis
- Moses, G. H. (b)
- Oulie
- Stephens, J. L. (b)
- Taylor, B. (b)
- Weddell
- Williams, M. O. (b)

Grimsel

- Whymper, E.
- See also* Alps

Grindewald

- Hyde, W. W.

Guadalquivir River

- Clark, C. U.

Hercegovinia, Herzegovinia

- Chater, M. (b)
- Coffin
- McKenzie, K.

Holland

- See* Netherlands

Hungary, Magyarorszag

- *Affalo (a)
- *Baillie-Grohman (b)
- Chater, M. (i)
- Iddings
- Jacobi
- Koch, F. J. (a b)
- McKenzie, K.
- Minshall
- Noyes
- Patric (b)
- Townley-Fullam
- See also* Tyrol

Iberian Peninsula

- Crawford, O.

Ireland, Erin, Eire

- Byrne, D.
- Gordon, G.
- Graves, R. A. (a)
- Millais (f)
- Smith, H. M. (c)

Irish Sea

- Mellor

Istria

- McKenzie, K.

Italy, Italia

- Affalo
- Albrecht
- Bonaparte
- Bosson, Mrs. (a)
- Caetani
- Chater, M. (d)
- Costa, G.
- Fairchild, D. (f)
- Kingman, J. A.
- Kroeber
- McKenzie, K.
- Mayer, A. E.
- Minnigerode
- Rohe
- Tafur
- Wilstach
- Wright, C. W.

Jugoslavia, Jugoslavija

- Chater, M. (bi)
- Minshall
- Patric, J. (b)

Jungfrau, Mt.

- Hyde, W. W.

Jutland, Jylland

- Egan, M. F. (a)
- Carpenter, A. (b)
- *Franck
- Nansen (c)
- See also* Denmark; North Sea

Killarney

- Byrne, D.
- See also* Ireland

Lapland, Sameanda

- *Bock (d e)
- Dennis, A. P. (b)
- DeVeer
- DuChaillu (e)
- **Franck
- Milford
- Olson, A. L.
- Rothery
- See also* Finland; Norway

Latvia, Latvija

- Chandler, D. (b)
- Williams, M. O. (m)

Lauterbrunnen

- Hyde, W. W.

Lecco, Lake

- Mayer, A. E.

Lepine Mts.

- Caetani
- See also* Italy

Liechtenstein

- Williams, M. O. (k)

Lithuania, Lietuva

- Chandler, D. (b)
- Contarini

Lofoten

- Egan, M. F. (b)

Lugano, Lake

- Mayer, A. E.

Lule River

- Olson, A. L.
- See also* Sweden

Luxemburg

- Chandler, D. (a)
- Williams, M. O. (n)
- See also* Belgium

Macedonia

- Williams, M. O. (b)

Maggiore, Mare, Lake

- Barbaro
- Mayer, A. E.
- See also* Italy

Malvern Hills

- Wakeman, F.

Marne River

- Minshall

Matterhorn, Mont Cervin

- Hyde, W. W.
- Mittelholzer
- Whymper, E.
- See also* Alps

Mediterranean Sea

- Adams, H. C. (f)
- Baker, R. W.
- Costa, G.
- Lamb, H.
- Williams, M. O. (ij)

Memel-land

- Chandler, D. (b)

Messina Strait

- Wright, C. W.

Meuse River

- Douglas, D. (a)
- See also* Belgium

Moldau River

- Williams, M. O. (h)

Moldavia

- Gore, J. H. (b)

Montenegro, Crna Gora

- Chater, M. (b d)
- Coffin
- Mackenzie, G. M.

Montserrat Mt.

- Clark, C. U.

Moravia

- Patric (c)
- Williams, M. O. (h)

Munster

- Byrne, D.
- See also* Ireland

Naples, Bay

- Kingman, J. A.
- McKenzie, K.

Neckar River

- Geiser

- Nera River**
Wilstach
- Nervion River**
McBride, H. A. (b)
- Netherlands, Nederland**
Aflalo (a)
Fuertes (a)
Gore, J. H. (a)
Smith, H. M. (c)
- Neva River**
Ellis, W. T.
- Normandy**
Bosson, Mrs. (b)
- North Sea**
Gore, J. H. (a)
Hansen
Walmsley
- Norway, Norge**
Asbjornsen
Ault
- ***Barnard
Bock (d)
Bowden
- *Buckley, J. M.
Burton, R. G. (a)
Chapman, A. (b)
- *Cron (b)
Dennis, A. P. (b)
- *DuChailu (e)
Egan, M. F. (b)
Fonhus
- **Franck
Friis
Gordon, G
Hansen
Highton
Hutchinson, H. G. (b)
Kennedy, E. B.
Lamont (a)
- *Lloyd, L. (a b)
Milford
- *Nansen (e)
Newland
Nilsson
Olson, A. L.
Oxholm
Peel (d)
Pontoppidan
Posse-Brazdova
Prichard (d)
Rankin (c)
- *Rothery
Seton-Karr (b)
Smith, H. M. (c)
Sutton (e)
Wyndham
- Norwegian Sea**
Hansen
- Oder River**
Williams, M. O. (h)
- Parnassus, Mt.**
Weddell
- Peloponnesus**
Moses, G. H. (b)
Weddell
- Pindus Mts.**
Scriven
- Poland, Polska**
Chandler, D. (b)
Contarini
Stephens, J. L. (b)
- Pontine Marshes**
Caetani
- Portugal**
Adams, H. C. (b)
Aflalo (a)
*Bonaparte
Chapman, A. (a)
Crawford, O.
Guillemard (b)
Haeberle
Hildebrand, J. R. (c)
Hume, M.
McBride, H. A. (a)
March
- Pyrenees**
*Bunbury
Clark, C. U.
Fernsworth (a b)
Highton
Moore, W. R. (f)
Porter, J. H.
Sanders, A. H.
Weld
- Rhine, Rhein, Rhin**
Cron (b)
*Geiser
Gore, J. H. (a)
Marlowe
Minshall
Untermeyer
Williams, M. O. (k)
See also Black Forest;
Germany
- Rhone River**
Vialles
- Rigi, Mt.**
Mittelholzer
- Rumania, Romania**
Gore, A. H.
Iddings
Marriner, J. T.
Minshall
Moore, F.
Noyes
Patric, J. (b)
See also Balkans
- Russia, Union of Soviet Socialist Republics, Soyuz Sovetskikh Sotsialisticheskikh Respublik**
**Aflalo (a)
Arnold
*Bonaparte or Canino
Bland
Buckley, J. M.
Burnaby
Burton, R. G. (a)
Contarini
Curzon, G. N.
- Curzon, R.
Davison, L.
De Bruin
- ***Demidoff (a b c)
**De Windt
Ellis, W. T.
Graham (a b)
Greely
Grosvenor, G. (d)
Nabours
Norden (f)
Norman
Percy, E.
Polo, M.
Potocki
Ronaldshay (a)
*Rothery
Smith, H. M. (c)
Stephens, J. L. (b)
Sykes, E.
Winter, N. O.
Wood, J. B.
Young, E.
- Ruthenia**
Patric, J. (b c)
Williams, M. O. (h)
- Saint Gothard Pass**
Tafur
See also Alps;
Switzerland
- Salonica**
Chater, M. (b)
- Salzkammergut**
Holding, F. P.
Moore, W. R. (h)
- San Marino**
Rohe, A.
- Sarmatian Desert**
Contarini
See also Balkans;
Caspian Sea
- Scandinavia**
*Aflalo (a)
*Franck
*Lloyd, L. (a b)
Nilsson (a b)
Porter, J. H.
Pottinger (b)
Walmsley
See also Denmark;
Norway; Sweden
- Schreckhorn, Mt.**
Hyde, W. W.
- Scotland**
**Baillie-Grohman (a)
Burroughs (d)
Cameron, A. G.
Colquhoun
Crawford
Crealock
*Gordon, S. P.
Gordon-Cumming, R. (b)
Graves, R. A. (a)
Grimble
Knight, C. W. R.
McConnochie (a b)
*Millais (f)

Scotland—Continued

- **Newall, J. T. (d)**
 St. John, C.
 Seton-Karr (b)
 Smith, H. M. (c)
 Speedy
See also Hebrides;
 Shetland

Serbia, Servia, Sribiya

- Chater, M. (b)
 Iddings
 Mackenzie, G. M.
 McKenzie, K.
 Noyes

Severn River

- Wakeman, F.

Shannon River

- Byrne, D.
See also Ireland

Sierra Morea

- Chapman and Buck
See also Spain

Silesia

- Patric (c)

Skane

- Posse-Brazdova

Slavonia

- Chater, M. (b)

Slavonica

- Iddings

Slovakia

- Patric, J. (b c)
 Williams, M. O. (h)

Slovenia

- Chater, M. (b)

Snowdon, Mt.

- Graves, R. A. (a)

Soignes Forest

- Chandler, D. (a)
See also Belgium

Spain, España

- *Affalo (a)**
 Azara
 Baker, R. W.
 Bonaparte
 Bunbury
 Chapman, A. (a d)
 Clark, C. U.
 Crawford, O.
 Fernsworth (a b)
 Latham
 McBride, H. A. (a b)
 March
 Meakin (a)
 Moore, W. R. (f)

Spitzbergen, Svalbard

- Brown, R. N. R.
 Byrd, R. E. (a)
 Chapman, A. (b)
 Conway (c d)
 Ellsworth (c e)
 Fleischman (b)
 Hayes, J. G. (a)
 Lamont (a c)
 Markham (d)
 Mecking

Melville

Miller, D. H.

Mirsky

Mittelholzer

****Nansen (a e h)**

****Nordenskiöld**

Payer

Peary (c)

***Phillipps-Woolley (e)**

Pinkerton

Stefansson

Stejneger

Stuck (c)

***Sutton (e)**

Taylor, B. (c)

Wilkins (d) ch 10

See also Islands

Staubbach

Hyde, W. W.

Styria

Grosvenor, M. B.

Sweden, Sverige

***Bonaparte**

Buckley, J. M.

Chapman, A. (b)

***Cron (b)**

Dennis, A. P. (b)

***DuChailu (e)**

Egan, M. F. (b)

Gore, L.

Highton

Lloyd, L. (a b)

Newland

***Nilsson**

Olson, A. L. (a b)

Posse-Grazdova

Rothery

Smith, H. M. (c)

Villiers (a)

Young, E

Switzerland, Helvetia

Affalo (a)

Baillie-Grohman (a)

Bonaparte, Canino

Hyde, W. W.

Minnigerode

Mitchell, G. E. (a)

Piccard

Tafur

Williams, M. O (k)

Tagus River

Clark, C. U.

Crawford, O

Tana or Tana-Elf R.

Barbaro

See also Russia

Tatra Mts.

Iddings

Terek River

Kennan, G. (b)

Thames River

Wakeman, F.

Walton, I.

Watson, J.

See also England

Thessalonica

See Salonica

Thousand Island Lake

Young, E. (d)

See also Finland

Tiber River

Wilstach

Transcaucasia

Graham (a)

Norden (f)

Transylvania

Holmes, H. A.

Marriner, J. T.

Patric, J. (b)

Turkey, Turkiye

***Affalo (a)**

Durbin

***Franck (g)**

Mackenzie, G. M.

McKenzie, K.

Stephens, L. J. (b)

Tafur

See also Asiatic Turkey;

Tuscany

Wilstach

Tyrol, Tirol

Albrecht

Baillie-Grohman (a g)

Bonar

Hyde, W. W.

Iddings

Leveson (b)

McKenzie, K.

Moore, W. R. (h)

See also Austria; Switz-

erland

Tyrrhenian Sea

Caetani

Costa, G.

Ukraine

Winter, N. O.

Wood, J. B. (b)

Ulster

Byrne, D.

Umbria

Wilstach

Union of Soviet

See Russia; Siberia

Ural Mts. and River

See Asia

Utrecht

Gore, J. H. (a)

Vanern, Lake

Posse-Brazdova

See also Sweden

Vattern Lake

Posse-Brazdova

See also Sweden

Vesuvius, Mt.

Hobbs, W. H.

Jaggard (b)

Tyrrell

Vltava River
 Patric (c)
Vosges Mts.
 Minshall

Wales
 Graves, R. A. (a)
 Mais
 Pitt
 Smith, H. M. (c)
 Wakeman, F.
See also England

Wallachia
 Gore, J. H. (b)
 Holmes, H. A.

Wetterhorn
 Hyde, W. W.

Württemberg
 Buxton, B. H.

Yorkshire
 Walmsley

Yugoslavia
See Yugoslavia

Zealand
 Egan, M. F. (a)
 Gore, J. H. (a)

Zemgale
 Williams, M. O. (m)

Zuider Zee
 Gore, J. H. (a)

Section 2. Division 6. AUSTRALIA

(Islands usually classified as Australasian may be found under Island headings, division 7 of this section.)

Australasia

***Baden-Powell (a)

Barrett, C.

***Bickmore

*Bicknell

*Bock

Boyle

Bruce

Burbidge

Carpenter, F. G. (a)

Crandall

*Cumming, C. F. G.

*Dahl (b)

Donne (a b)

Evans, I. H. N.

**Forbes, H. O.

Forbes, J.

Gregory, H. E.

*Grimshaw

***Guillemard (a b)

*Harrison, B.

Hose, C.

Lee, Mrs.

*Lumholtz (a)

*Norden, H. (d)

Nordenskiöld

Puxley

Rawlings

St. John, S.

Saint Michael

*Semon

Shelford

Strachan

Taunton, H.

Van Dyke, J. C.

Wallace, A. R.

Wells, C. (a)

*Whitehead

*Wilkins, G. H.

Younghusband

See also

Admiralty Islands;

Aru; Australia; Borneo;

East Indian Archipelago;

Fiji Islands; Malay

Archipelago; Melanesia

("Black Islands");

New Caledonia; New

Guinea; New Hebrides;

New Zealand; Papua;

Philippine Islands;

Polynesia; Queen

Charlotte Islands;

Solomon Islands;

Tasmania; Timor Laut

Australia

Bailey, E. P.

Dahl (b)

*Denton

Ellsworth, L. (c)

*Galton (d)

Gregory, H. E.

Harrison, B.

Horne

Johnson, Martin

Kroeber

Lee

London

*Lumholtz

Miner, R. W. (a b)

Moore, W. R. (b c)

Nichols

Radin (b)

Saint Michael

Schlaikjer

Semon

Simpich (d)

Taunton

Taylor, G.

Ward, H.

Wells, C. (c)

*Wilkins (a b)

Young, E. R.

Australia, North

Gregory, H. E.

Australia, South

Gregory, H. E.

Australia, West

Ault

Gregory, H. E.

Charnley, River

Adams, M. P. G.

Coral Sea

Barrett, C.

Forest River

Adams, M. P. G.

Great Barrier Reef

Barrett, C.

Beebe, W. (g)

Miner, R. (b)

Jenolan Caves

Gregory, H. E.

Kosciusko, Mt.

Moore, W. R. (b)

Macmillan River

Wilkins

See also Australia

Murray Darling River

Gregory, H. E.

New South Wales

Ellison, N.

Gregory, H. E.

Lumholtz

See also Australia

Queensland

Baden-Powell (a)

Barrett, C.

Gregory, H. E.

Harrison, B.

Lumholtz

Puxley, W. L.

Sanders, A. H.

Wilkins

See also Australia

Victoria

Harrison, B.

Lumholtz

See also Australia

Section 2. Division 7. ISLANDS

Admiralty Islands

Holsworth (a b)
Muir

****Sheldon** (b)
Shiras (b)
Wissler v.34
See also Alaska

Åland Islands

Barnard
Olson (b)
See also Finland; Norway

Alderney

Carey, E.

Aleutian Islands, Peninsula

Agassiz, A. (b)
Ault
Bales
Bent (a e)
Borden, Mrs.
Dall (b)
Elliott, H. W.
Griggs (a b c)
Hersey
Hubbard, B. R.
Martin, G. C.
Munger, F. M.
Nordenskiöld
Schwatka (c)
Smith, H. M. (g)
Stuck (c)
Thompson
Turner
Wetmore (e)
Whymper, F.
See also Alaska; Bering
Sea

Ambon

Mann, W. M. (b)

Andros

Miner, R. W. (b c)
Simpich (b)

Anglesey

Graves, R. A. (a)

Anno Island

Keane (d)
See also Annobon; West
Coast Africa

Antilles, Greater, Lesser

Showalter (e)
Treves (a)
Waterton
See also West Indies

Aran Islands

Byrne, D.
Murphy, R. C. (c)
Villiers (a)
See also West Indies

Arctic Islands

See North America;
Polar Regions

Ascension

Pidgeon, H.

Austral or Tubuai

Chapin (c)
Murphy, R. C. (d)

Avery Islands

Graves, R. A. (b)

Azores

Adams, H. C.
Ault
Haeberle
Hildebrand, J. R. (c)

Bahama or Lucayos Islands (British)

Chapman, F. M. (c)
Cory (a)
Fraser, E. R.
Heilprin (c)
Howard, H.
Miner, R. W. (b c)
Osborn (b)
Shiras (b i)
Simpich (b)
See also West Indies

Balabac

Worcester (d)

Balearics

Baker, R. W.
Harnden

Bali

Bickmore
Burden, W. I.
Knott, F. P.
Peters, H.
Powell (b)
Van Dyke, J. C.
Wells, C. (c)
Williams (o)
See also Java; Malay
Archipelago

Balimbing

Villiers (b)

Bananal Island, Santa Anna

Fleming
See also Araguay River;
Brazil

Banks

Birket-Smith
Grimshaw (b)
Hayes, J. G. (a)
Mecking
Wilkins (c)

Baram, River

Smith, H. W. (b)
See also Borneo

Barbados Islands (British)

Burton, R. G. (a)
Treves (a)
See also Lesser Antilles;
West Indies; Wind-
ward

Barro Colorado

Chapman, F. M. (j)
See also Canal Zone

Basilan

Worcester (d)

Bear Island

DeVeer
Mecking
Melville
Nordenskiöld
Wrangell
See also The Arctic;
Siberia

Beechey Point

Wilkins (d) p. 156, 167

Benito

Hanna, G. I.

Bennett Island

Brown, R. N. R.
Kolchat
Melville
See also The Arctic;
Siberia

Bermuda, Somers

Beebe, W. (a f)
Long (b)
Taft, W. H.

Bogoslof

Ault
Borden, Mrs.
Munger, F. M.

Bombon, Lake

Worcester (b)

Borneo, Pulo Kalamantin

****Baden-Powell**
Blanford (b)
Bock (b)
Boyle, F.
***Bruce, C.**
***Burbridge**
Carpenter, F. G. (a)
***Evans, I. H. N.**
Gomes, E. H. (a b)
*****Guillemand (a b)**
Hildebrand, J. R. (b)
***Hornaday (a)**
Hose, C.
Johnson, Martin (g)
Kellog
Laing (b)
***Mjoberg**
Norden (a)
***Nordenskiöld**
Powell (b)
***St. John, S.**
Shelford
Smith, H. W. (b)
Van Dyke, J. C.
Ward, H.
Wells, C. (a d)
***Whitehead**
See also East Indian
Archipelago; Malay
Archipelago

Borneo, British North

Johnson, Martin (g)
Mjoberg
Smith, H. W. (b)
See also Borneo

- Borneo, Dutch**
 Mjöberg
 Smith, H. W. (b)
- Bouvet Islands**
 Brown, R. N. R.
- Canary Islands**
 Fairchild, D. (b)
 Hildebrand, J. R. (c)
 Magellan (b)
 Meakin (a)
 Milligan
 Tambs
- Canton**
 Gardner, I. C.
 Mitchell, S. A.
- Cape Breton**
 MacKenzie, C. D.
- Cape Verde**
 Hildebrand, J. R. (b)
 Park, M. (b)
 Simmonds, G. F.
- Capri**
 Kingman, J. A.
- Carolines**
 Miner, R. W. (b)
 Price, W.
 Rhone, R. D.
 Thomson, J. P.
 Wood, J. B. (a)
- Catalina Island**
 Grey, Z. (b)
See also Santa Catalina
- Cebu**
 Hildebrand, J. R. (b)
 Worcester (a)
- Cedros**
 Hall, G. D.
- Celebes, Macassar**
 Bickmore
 **Bock (b)
 Carpenter, F. G. (a)
 Cutting (b)
 **Guillemard
 Mann, W. M. (b)
 Powell (b)
 Van Dyke, J. C.
 Wallace, A. F. (a)
 Wells, C. (c)
 Williams (o)
See also Malay
 Archipelago
- Ceylon**
See Asia
- Channel Isles**
 Hathaway, S.
See also English Channel
- Chiloe Island**
 Tschudi
See also Chile
- Chincha**
 Chapin, J. P. (d)
 Murphy, R. C. (b f)
- Christian**
 Murphy, R. C. (d)
- Christmas**
 Pidgeon, H.
- Clark Island**
 Curran
See also Hudson Bay
- Clavering Island**
 Birket-Smith
 Dahl (a)
See also Greenland
- Cocos Islands (British)**
 Forbes, H. O.
 Grey, Z. (c)
 Heilprin (b)
 Pidgeon, H.
 Popenoe, P. B.
 Tambs, G.
 Zahm (d)
See also Bay of Bengal;
 Keeling Island
- Cook, Mt.**
 Moore, W. R. (c)
 Murphy, R. C. (d)
- Corfu**
 Williams, M. O. (b)
- Corsica**
 *Davies (a)
 Dugmore (d)
 Highton
 Rankin, R.
 Williams, M. O. (i)
 Young, E.
See also Mediterranean
 Sea
- Crete Island**
 Loomis
 Moses, G. H. (b)
 Oulie
 Taylor, B. (b c)
 Williams, M. O. (b)
See also Greece
- Cuba**
 Fraser, E. R.
 Lindbergh
 Showalter (e)
 Townsend, F. T.
See also West Indies
- Curaçao Island**
 Tambs
 Zahm
See also Venezuela;
 West Indies
- Cyprus Island**
 **Baker, S. W. (e)
 Bell, G. L.
 Franck (g)
 Lamb, H.
 Tafur
 Williams, M. O. (j)
See also Mediterranean
 Sea
- Darnley**
 Miner, R. W. (b)
- Dawson**
 Burg, A. (c)
- Desertas**
 Adams, H. C. (b)
- Disko Island**
 Koelz
 MacMillan (e)
 Melville
See also The Arctic
- Dominica**
 Fairchild (a)
 Gayer, J.
 Johnston, H. H. (l)
 Treves (a)
See also W. Indies
- Dry Tortugas**
 Gifford, J.
 La Gorce (c)
 Langley, W. H. (a b)
- East Indies, Dutch**
 Sanders, A. H.
- Easter or Rapanui**
 Ault
 Chapin, J. P. (e)
 Murphy, R. C. (d)
 Routledge
- Egmont, Mt.**
 Moore, W. R. (c)
- Ellice**
 Murphy, R. C. (d)
 Rhone, R. D.
- Enderbury**
 Gardner, I. C.
- England**
See Europe
- Etna, Mt.**
 Bosson, Mrs. A.
 Chater, M. (a)
 Mittelholzer
 Tyrrell
See Sicily; Italy
- Fakarava**
 Murphy, R. C. (d)
- Falcon**
 Hoffmeister
 Peters, H.
- Falkland Islands**
 Brown, R. N. R.
 Byrd (d)
 Carpenter, F. G. (c)
 Darwin
 **Guillemard (b)
 Hayes, J. G. (b c)
 Irving (b)
 Joerg (b)
 Keane (c)
 Mecking
 Miller, D. H.
 Murphy, R. C. (d g)
 Skottsberg
See also Magellan
 Straits
- Faroe Islands**
 Birket-Smith
 Franck (h)
 Hansen
See also Denmark
- Fayal**
 Haerberle

- Fernando Po**
 Burton, R. F. (efj)
 Du Chaillu (f) ch. 30
 Vandercook
See also W. Africa
- Fiji or Viti Islands**
 Cumming, C. F. G. (b)
 Grimshaw, B.
 Johnson, Martin
 London
 Murphy, R. C. (d)
 Peters, H.
 Pidgeon, H.
 Tambs
 Wells, C. (c)
 Wissler v. 33
- Flaxman Island**
 Peary (c)
 Stuck (c)
See also Alaska
- Flores Islands, Sea**
 Williams (o)
See also Celebes
- Florida Keys**
See N. America
- Fly Island**
 Brandes
See also Papua
- Formosa, Taiwan**
 Blanford (b)
 Curzon (b)
 Foght
 *Franck (c)
 **Guillemard
 Kirjassoff
 McGoran
See also China Sea;
 Japan
- Friendly, Tonga, Islands**
 Baden-Powell
 Hoffmeister
See also Australia;
 Polynesia
- Frisian Islands**
 Chapman, A. (b)
See also North Sea;
 Norway
- Funafuti**
 Murphy, R. C. (d)
- Funk Island**
 Gilliard
- Galapagos Is.**
 Agassiz, A. (a)
 *Beebe, W. (c)
 *Carpenter, F. G. (d)
 Chapin, J. P. (d)
 Cochran (h)
 Darwin
 Grey, Z. (c)
 Hagen, W.
 Herrick (a)
 Murphy, R. C. (fg)
 Schmitt (c)
 Slevin, J. R.
 Von Hagen (a b c d)
- Gelvink Bay**
 Barbour, T. (a)
See also New Guinea
- Gilbert**
 Murphy, R. C. (d)
 Peters, H.
 Rhone, R. D.
- Goree Island**
 Adanson
 Park, M. (b)
See also W. Africa
- Gozo**
 Griffiths, W. A.
- Greenland**
See Polar Regions
- Guadeloupe Island (Fr.)**
 Franck (c)
 Hanna, G. D.
 Howard, H.
 Wells, C. (c)
See also Lesser Antilles;
 West Indies
- Guaianeco Islands**
 Fitzroy
See also Chile
- Guale**
 Moore, W. R. (d)
- Guam**
 Ault
 Higgins
- Guanape**
 Murphy, R. C. (f)
- Guayaquil**
 Murphy, R. C. (f)
- Guernsey**
 Campbell, A. S.
 Carey, E.
- Hainan**
 Clark, L.
 Pope, C. (c)
See also China; Kwang-tung
- Haiti**
 Chester, C. M.
 Fairchild (a)
 Gayer, J.
 Howard, H.
 Johnston, H. H. (l)
 Lindbergh
- Hawaiian Islands**
 Ault
 Bishop (a)
 Castle, W. R.
 Farnham, J. T. (b)
 Fraser, E. R.
 Griggs (b)
 Grosvenor, G. (f)
 Johnson, Martin
 Murphy, R. C. (d)
 Tyrrell
 Wetmore (k)
 Young, W. E.
See also Sandwich Is.
- Hebrides Islands**
 Gordon, S. P.
- Hutchison, I. W. (b)**
 Peel (b)
See also Scotland
- Hekla, Mt.**
 Hanson, Earl
 Hutchison, I. W.
- Herm**
 Campbell, A. S.
- Herschel Is.**
 Hayes, J. G. (a)
 Mecking
 Mirsky
 Stuck (c)
 Wilkins (c)
See also Alaska
- Hinchinbrook Is.**
 Stuck (c)
See also Alaska
- Hispaniola**
 Craige
 Franck (c)
 Prichard (a)
 Seabrook (b)
See also Haiti; West Indies
- Hog Island**
 Townsend (e)
See also Labrador
- Hokkaido**
 Griffiths, W. E.
- Humboldt Bay**
 Barbour, T. (b)
See also New Guinea
- Humboldt Current**
 Murphy, R. C. (f)
- Iceland, Island**
 Ault
 *Burton, R. F. (i)
 Carstensen
 Chapman, O. M.
 Dunraven (c)
 *Forbes
 *Franck
 Hanson, Earl
 Huntington, E. (a)
 Hutchison, I. W. (d)
 Markham (d)
 Mirsky
 Murphy, R. C. (c)
 Nansen (e)
 Peary (c)
 Streeter
 Tyrrell
- Inverness**
 MacKenzie, C. D.
- Ireland**
See Europe
- Isle of Pines**
 Grimshaw
- Isle of Wight**
 Hildebrand, J. R.
See also England
- Iviza**
 Baker, R. W.
 Harnden

- Jaluit**
Rhone, R. D.
- Jamaica Island (British)**
*Burton, R. G. (a)
*Frankk (c)
Fraser, E. R.
Gosse
Grosvenor, G. (b)
LaGorce (b)
Stuart, V.
Treves (a)
See also Greater Antilles;
West Indies
- Japan**
See Asia
- Jappen**
Nejame
- Java**
See Asia
- Jefferson Island**
Graves, R. A. (b)
- Jersey**
Carey, E.
- Jethou**
Campbell, A. S.
- Jobi**
Barbour, T. (a)
- Jolo**
Worcester (d)
- Juan Fernandez, Mas-a-Tierra**
Adams, H. C. (b)
Carpenter, F. G. (c)
Chapin, J. P. (d)
Keane (c)
Schmitt, W. L.
Skottsberg
Tschudi
**See also* Chile; Crusoe
Island; S. Pacific
- Kakuri Island**
Stanley (c)
See also Congo; West
Africa
- Keeling Islands**
See Cocos Is.
- Kilauea, Volcano**
Castle, W. R.
Tyrrell
- Kina Balu Mt.**
St. John, S.
See also Borneo
- Kodiak, Kadiak, Island**
Borden, Mrs.
Dall (b)
Elliott, H. W.
Griggs (c)
Grinnell (d)
Martin, G. C.
Mixer, G.
Radcliffe
Thomas, W. S. (b)
See also Alaska
- Koetei**
Bock (b)
See also Borneo
- Komodo**
Broughton
Burden, W. D.
- Kotelmoids Islands**
Wrangell
See also Siberia
- Krakatau**
Forbes, H. O.
Tyrrell
See also Australasia;
Java
- Kuril Islands**
Allan, A.
Birket-Smith
Snow
See also Japan
- Labuan Island**
Guillemaud
Hamilton, D.
Hornaday (a)
Laing (b)
Nordenskiold
Whitehead
See also Brit. N. Borneo
- Ladrones**
See Marianas
- Laysan**
Grosvenor, G. (f)
- Leeward Islands**
Pidgeon, H.
Treves (a)
Wetmore (k)
- Lesser Sunda Island**
Burden, W. D.
Williams (o)
- Limon, Lake**
Johnston, H. H. (l)
- Lobos de Tierra**
Murphy, R. C. (b)
- Long Island**
Burnaby
Crowder, W.
Curran
Knight, C. W. R.
Showalter (b)
Smith, H. M. (d)
See also Hudson Bay;
New York
- Luzon**
Worcester (a d)
- Mactan**
Hildebrand, J. R. (b)
- Madagascar (French)**
*Carpenter, F. G. (b)
Drury
*Ellis, W.
**Guillemaud (b)
Haardt (c)
Hodge, H.
Hoffman, E. P.
Milne-Edwards
Osborn, C. S.
Owen
Pidgeon, H.
Polo, M.
- Powell (d)
Swingle
- Madeira Island**
Adams, H. C. (b)
Du Chaillu (f) ch. 22
Fairchild, D. (f)
Guillemaud (b)
Leveson (b)
March
Tams
- Magador Island**
Pellow
Thomson, J. (b)
See also Italian Somali-
land
- Magdalen Islands**
Cory (d)
See also Canada; Gulf of
St. Lawrence
- Majorca**
Baker, R. W.
Harnden
- Malacca Strait**
Hildebrand, J. R. (b)
Thomson, John (a)
- Malagassen**
Pidgeon, H.
- Malekula**
Grimshaw, B. (b)
- Malta**
Carpenter, F. G. (b)
Griffiths, W. A.
Wells, C. (c)
See also Mediterranean
- Man, Isle of**
Mellor
- Mantanani Islands**
Bruce, C.
See also Brit. N. Borneo
- Marajo or Joannes Island**
Church
Cott
Fisher, A. H.
Lange
See also Brazil; Pará
- Marianas or Ladrone**
Guillemaud (b)
Higgins
Hildebrand, J. R. (b)
Price, W.
Thomson, J. P.
Wood, J. B. (a)
- Marquesas, Mendana Islands**
Church, J. W.
Gifford, J.
Johnson, Martin (e)
London
Murphy, R. C. (d)
Peters, H.
- Marshall Islands**
Price, W.
Thomson, J. P.
Wood, J. B. (a)
- Martha's Vineyard**
Allen, A. A. (d)

- Martinique or Madiana Island (French)**
 Franck (c)
 Howard, H.
 Stuart, V.
 Treves (a)
See also West Indies
- Maui, Hawaii**
 Castle, W. R.
- Mauna Loa Volcano**
 Grosvenor, G. (f)
 Tyrrell
- Mauritius, Ile de France**
 Darwin
 Drury
 Edwards, D. L.
 *Ellis, W.
 Osborn, C. S.
 Pike, N.
- Melanesia**
 Thomson, J.
- Melville Island, Neninn**
 Fisher
 Hayes, I. I.
 McDougall
 *Melville
 Mirsky
 Parry
 **Stefansson (b)
See also Greenland;
 Parry Is.
- Micronesia**
 Price, W.
- Middleton**
 Parker, M. P.
- Mindanao**
 Worcester (a d)
- Mindoro**
 Worcester (d)
- Miquelon Island (French)**
 Dunraven (a)
See also Newfoundland;
 St. Pierre
- Molokai Is.**
 Johnson, M.
 London
- Moluccas, Spice Islands**
 Bickmore
 *Bock (a)
 *Carpenter, F. G. (a)
 **Guillemard (b)
 Keane (b)
 Pinkerton
 Porter
 Rathborne
 Semon
 *Thomson, J. (c)
 Van Dyke, J. C.
 Whitehead
See also Malay
 Archipelago
- Morrison, Mt.**
 Kirjassoff
- Mulu, Mt.**
 Smith, H. W. (b)
- Murray, Lake**
 Brandes
See also Papua
- Nauru**
 Rhone, R. I.
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- Negros**
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- New Caledonia Island**
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- New Guinea or Papua**
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 Bangs
 Barbour, T. (a b)
 Brandes
 Carpenter, F. G. (a)
 *Crandall (Fly & Sepik Rivers)
 Denton
 Forbes, H. O.
 Grimshaw
 *Guillemard
 Hanson, Elisha
 Johnson, Martin
 Laing
 *Lawson (I. N. G.)
 London
 Nejame
 Pidgeon, H.
 Pratt, A. E.
 Rallings
 Semon
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 Strachan
 Thomson, J. P.
 Wells, C. (c)
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- New Hebrides**
 Grimshaw, B. (b)
 Johnson, Martin
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- New Ireland**
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- Noyes, T. W.
 Porter, S.
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- New Zealand—South Island**
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- Papua**
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Penang

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Section 2. Division 8. POLAR REGIONS

This division did not appear in the first edition of the *NATURAL HISTORY INDEX-GUIDE*. Much of the information referred to has been collected and published since the invention and growth of aviation, assisted by the radio.

The geographical lines separating continents from other polar regions not being well defined, references to polar regions may also be found under various subject-headings in the Europe, Asia, North and South America divisions.

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Dease River, Strait

Mirsky

Deception Island

Brown, R. N. R.
 Byrd (f)
 Ellsworth (c)
 Hayes, J. G. (b)
 Mecking

Disko Bay, Island

Birket-Smith
 Hayes, J. G. (a)
 Mecking

Dundee Island

Byrd (f)
 Ellsworth (c)

D'Urville Sea

Hayes, J. G. (c)
 Markham (d)

Ellesmere Land, Island

See North America

Enderby Land

Brown, R. N. R.
 Hayes, J. G. (b c)
 Joerg (b)
 Markham (d)
 Mecking
 Miller, D. H.

Etah

Hayes, J. G. (a)
 Peary (c)
 Macmillan (d e)
 Mecking
 Mirsky
 Wilkins (c p.172)

Eternity Range

Ellsworth (c)

Fallières Land

Hayes, J. G. (c)
 Mecking

Flaxman Island

See Islands

Flint Island

Forbes, A.

Frankel Island

Boyd, L. A.

Franz Josef Land

See North America

Gaussberg

Drygalski
 Mecking
 Taylor, G.

Gilbert Sound

Markham (d)..

Graham Land

Brown, R. N. R. (b)
 Byrd (f)
 Hayes, J. G. (b c)
 Mecking
 Nordenskjold
 Rouch
 Taylor, G.

Grant Land

Kolchat
 MacMillan (d)
 Mecking
 Mirsky
 Nordenskjold
 Peary (c)
 Wilkins (d)

Great Ice Barrier

Shackleton

Greenland

Allen
 Birket-Smith
 Boyd, L. A.
 Bretz
 Brown, J. C.
 Brown, R. N. R.
 Byrd, R. E. (b e)
 Carstensen
 Chapman, F. S.
 Chapman, O. M.
 Coleman
 Dahl (a)
 Drew
 *DeVeer
 Gould
 *Greely (a c)
 Hall, C. F. ch. 2
 Hayes, Isaac
 Hayes, J. G. (a c)
 Hitchcock
 Hutchison
 Jenness (b)
 Joerg (b)
 Koelz
 Kolchat
 MacMillan, D. B. (a c d e)
 Markham (d)
 Mecking

***Melville**

Miller, D. H.
 Miller, O. M. (c)

***Mirsky**

*Nansen (g h)
 Nordenskiöld

***Payer**

*Peary (b c)
 Oberlander
 Rasmussen
 Scott, W. E. D.
 Stefansson (e)
 Streeter

***Stuck (c)**

Stupart

***Sutton (e)**

Sverdrup
 Transehe
 Wetmore (e)
 Wilkins (d)
 Wright, J. K.
 Young, E.

Grinnell Land

Greely
Markham (d)
Mecking
Mirsky
Nordenskjöld
Peary (c)
See also The Arctic;
Ellsmereland

Hal Flood Bay

Byrd (d)
McKinley, A. C.

Haswell Island

Hayes, J. G. (a)

Heard Island

Brown, R. N. R. (b)
Mecking

Herschel Island

See Islands

Hovgaards Island

Hayes, J. G. (a)

Hudson Bay

See North America

Iceland

See Islands

Jackson Island

Boyd, L. A.

Jameson Bay, Land

Mecking
Wright, J. K.

Jan Mayen Island

Drew
Mecking
Wright, J. K.

Kaiser Wilhelm II Land

Markham (d)
Mecking

Kangerdlugsuak

Chapman, F. S.
See also Greenland

Kara Sea

Joerg (b)
Kolchat
Markham (d)
Mecking
Transehe

Kemp Land

Mecking
Miller, D. H.

Kerguelen Island

Brown, R. N. R. (b)
Mecking
Murphy, R. C. (h)

King Christian Land

Hayes, J. G. (a)

King Edward VII Land

Hayes, J. G. (b c)
McKinley, A. C.
Markham (d)
Mecking
Shackleton

King George V Land

Hayes, J. G. (b c)
Markham (d)
Mawson
Mecking
Miller, D. H.
Priestley (b)

King William Land, Islands

See North America

Kings Bay

Byrd, R. E. (a)
Wilkins (d) ch. 10

Kotzebue Sound

See North America

Kuhn Island

Boyd, L. A.

Lady Franklin Bay

MacMillan (c d)
Mecking
Mirsky

Lancaster Sound

Markham (d)
Mecking

Little America

Byrd, R. E. (c d i)
Ellsworth (c)
Gould
Hayes, J. G. (b)
Joerg (a b)

Mackenzie River

See North America

Macquarie Island

Brown, R. N. R. (a b)
Mecking
Murphy, R. C. (h)
Taylor, G.

MacRobertson Land

Joerg (b)

Magnetic Pole

Brown, R. N. R.
Gould
Hayes, J. G. (b c)
Shackleton
Wilkins (c)

Marie Island

Boyd, L. A.

Melville, Bay, Sound, Island

Birket-Smith
Hayes, J. G. (a)
Markham (d)
Mecking
Mirsky

Miss Boyd Land

Bretz
Miller, O. M. (c)

Morris K. Jesup Cape

Bird, R. E. (a)
MacMillan (d e)
Mirsky

New Siberian Island

See Asia

Nicholas II Land, Northern Land

Brown, R. N. R.
Byrd, R. E. (g)
Mecking

Nordenskjöld Barrier (Shelf-ice, Glacier)

Boyd, L. A.
Hayes, J. G. (b)
Mecking

North Cape

Hayes, J. G. (a c)
Joerg (b)
Markham (d)
Mawson

North Pole

Brown, R. N. R.
Byrd, R. E. (a e)
Ellsworth (c)
Gould
Hayes, J. G. (a b c)
McKinley, A. C.
MacMillan (c d e)
Markham (d)
Mecking
Peary (c)
Wilkins (c d)

Northeast Passage

Birket-Smith
Peary (c)

Northwest Passage

Birket-Smith
Brown, R. N. R.
Mecking
Peary (c)

Novaya Zemlya

See Islands

Oates Land

Mecking
Miller, D. H.

Orkneys

See Islands

Parry Archipelago

Birket-Smith
Jenness (b)
Mecking
Mirsky
See also Prince Patrick,
Melville, Bathurst Is-
lands and Grinnell Land

Paulet Is.

Rouch

Peary Land

Brown, R. N. R.
Mecking
Mirsky

Petermann Island

Mecking
Rouch

Point Barrow

See Barrow

Polynia

Kolchat
Mecking
Transehe

- Prince of Wales Island**
Markham (d)
Mecking
- Prince Patrick Island**
See Islands
- Prince Rudolph Island**
Hayes, J. G. (a)
- Proclamation Island**
Hayes, J. G. (b)
- Queen Louise Land**
Boyd, L. A.
Mecking
Wright, J. K.
- Queen Mary Land**
Hayes, J. G. (b c)
Mawson
Mecking
Miller, D. H.
Priestley (b)
- Queen Maud Range, Land**
Byrd (d f)
Ellsworth (c)
Gould
Hayes, J. G. (b c)
Joerg (b)
McKinley, A. C.
Mecking
Mirsky
Priestley (b)
- Repulse Bay**
Markham (d)
- Rockefeller Mts.**
Byrd (f)
Gould
Joerg (a)
McKinley, A. C.
- Roosevelt Island, Range**
Byrd (f)
Ellsworth (c)
Mecking
- Ross Sea, Barrier, Island**
Brown, R. N. R.
Byrd, R. E. (c d f)
Drygalski
Ellsworth (c)
Gould
Hayes, J. G. (b c)
Joerg (a b)
Markham (d)
Mawson
Mecking
Priestley (b)
Taylor, G.
- Rudolph Island**
Wilkins (c)
See also Franz Josef Land
- Sabine, Cape**
MacMillan (c d e)
- Scoresby Sound**
See North America
- Scott Island, Land**
Byrd, R. E. (c f)
Gould
Markham (d)
- Seymour Island**
Markham (d)
Mecking
- Siberia**
See Asia
- Smith Sound**
See North America
- Snow-Hill Island**
Ellsworth (c)
Mecking
Nordenskjold
Rouch
- South Georgia**
See Islands
- South Pole**
Byrd, R. E. (c d e f)
Cherry-Garrard
Ellsworth (c)
Gould
Hayes, J. G. (a b c)
Joerg (a b)
McKinley, A. C.
Markham (d)
Mecking
Mirsky
Taylor, G.
- South Victoria Land**
Byrd (f)
Ellsworth (c)
Mecking
- Spitzbergen**
See Europe
- Stefansson Strait**
Ellsworth (c)
Hayes, J. G. (b)
- Taimyr, Cape, Peninsula, River**
See Asia
- Tern Island**
Boyd, L. A.
- Thule**
Birket-Smith
Brown, R. N. R.
Hayes, J. G. (a)
See also Greenland;
Smith Sound
- Traill Island**
Boyd, L. A.
Bretz
Wright, J. K.
- Victoria Island, Fiord, Land, Strait**
Birket-Smith
Brown, R. N. R.
Gould
Markham (d)
Mecking
Mirsky
Wilkins (c)
- Waigatz Island**
Markham (d)
- Weddell Sea, Barrier**
Brown, R. N. R.
Byrd (d f)
Drygalski
Ellsworth (c)
Gould
Hayes, J. G. (b c)
Markham (d)
Mecking
Murphy, R. C. (e)
Priestley (b)
Rouch
- Wellington Channel**
See North America
- Whale Sound**
Markham (d)
Mecking
- Wilkes Land**
Brown, R. N. R.
Mawson
Mecking
Miller, D. H.
Priestley (b)
- Winter Harbor**
Mirsky
- Wollaston Land**
Mirsky
- Wrangell Island**
See Islands
- Yenisei River**
See Asia
- Ymer Island**
Boyd, L. A.
Bretz
- York Cape**
Birket-Smith
MacMillan (c)
Markham (d)
Mecking
Mirsky

Section 3—Microscopy

Microscopy is the third section or group of this work. It is referred to as Microscopic Life in the first divisions of Botany and Zoology. For convenience, therefore, the subject-headings concerned with Microscopy, which relate to the various sections, are all grouped in Section 3. Since the closer study of the smaller things in creation requires mechanical equipment, they are not so well-known, hence not developed here to the same extent as are other sections in the natural sciences. The compiler has not only had the benefit of the use of materials found in Dr. Florence E. Meier's scientific papers, published by the Smithsonian Institution, of whose scientific staff she is a member, but has received her valued advice and assistance in the development of this section.

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Woodruff, Lorande L.

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Yates, Raymond F.

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MICROSCOPY

Actinians *Actinaria*
Burnet

Air

Greaves
Park, W. H.

Algae *Sphaerilla nivalis*

Abbot (c)
Bassler
Beale
Bishop, C. W.
Bradley (b)
Brown, R. N. R.
Burnet
Calkins
Coulter, J. G.
Coulter, J. M. (a b)
Coulter, M. C.
Ealand
Elliot, G. F. S.
Gager
Hayes, J. G. (c)
Hildebrand, S. F.
Hobbs, W. H.
Hogg
Huxley
Johnson, G.
Kazeeff
Koelz
Kopeloff
Mather (a b)
Meier (a b f)
Murphy, R. C. (f)
Naegeli
Osborn, H. F. (e)
Schuchert
Smith, G. M.
Stokes
Tiffany
Tilden
Tressler
Whipple
Wilson
Yates

Algae, Blue-Green *Cyano-
phyceae*
Meier (b)

Algae, Brown *Phaeophyceae*
Meier (b)

Algae, Green *Chlorophyceae*;
Chlorella vulgaris
Meier (a b d e f)

Algae, Red *Rhodophyceae*
Meier (b)

Algae, Yellow-Green *Chryso-
phyceae*
Meier (b)

Alkali

Greaves

Alpha Particles, Rays

Anderson
Langdon-Davies
Lodge (a)
See also Atmosphere

Amoebae *Amoeba proteus*

Gosse (b)
Kazeeff
Meier (b)
Park, W. H.
Shipley
Yates

Antitoxins

Burnet
Greaves
Kopeloff

Aphids

Ealand
Hogg

Ash

Greaves

Atoms

Abbot (f)
Anderson
Berthoud
Coulter, J. G.
Downing
Fisk
Harrow
Langdon-Davies
Lodge (a b d)
Mitchell, S. A. (b)
Osborn, H. F. (e)
Reichenbach
Stetson (a)
Woodruff
See also Atmosphere

Bacilli

See Bacteria

Bacteria

Abbot (c)
Belling
Bishop, C. W.
Bradley (b)
Bristol, Dr.
Brown, R. N. R.
Burnet
Calkins
Conn (a b)
Coulter, J. M. (a b c)
Coulter, M. C.
Ealand
Elliot, G. F. S.
Gage
Gager
Gay
Greaves
Hayes, J. G. (c)
Herdman
Hinsdale
Hobbs, W. H.
Hogg
Hough, T.
Jordan, E. O.
Kazeeff
Kopeloff
Lanckester (a)
McFee
Meier (a f)
Neill
Osborn, H. F. (e)

Park, W. H.
Schmitt (b)
Sinclair
Thomson (a)
Walsh (a)
Whipple
Woodruff
Yates

Bacteria, Iron, Nitrifying
Ellis, D.
Greaves

Bacteriophage

Kazeeff

Bubbles, Air

Naegeli

Carbohydrates

Burnet

Cells

Beale
Belling
Calkins
Conger
Ealand
Greaves
Hogg
Kazeeff
King, Dr.
Lanckester (b)
Meier (a b d f)
Naegeli
Neill
Osborn, H. F. (e)
Park, W. H.
Schwann sec. 3
Shipley
Stokes
Winton
Woodruff

Chlorophyl

Lodge (b)
Meier (b f)
Smith, K. M.
Yates

See also Algae

Cloth structure

Beavis
Johnson, G.

Coccidae

Calkins
Conn (a)
Ealand
Ellis, D.
Greaves
Park, W. H.

See also Coccidia; Cocci

Corpuscles

Beale
Ealand
Harrow
Hogg
Hough, T.
Kazeeff
Lanckester (b)
Lodge (a b e)
Schwann sec. 2

Crustacea

Calkins
Whipple

Crystals

Beale
Ealand
Gage
Humphreys (b)
Lodge (e)
Neill
Seligman
Stokes

Cysts

Beale
Calkins

Desmids *Desmidiaceae*

Hogg
Johnson, G.

Diatomite

Conger
See also Silica; Geology

Diatoms *Diatomaceae*

Conger
Cunningham
Hogg
Johnson, G.
King, Dr.
Meier (b f)
Yates

Diffugia

Yates
See also Amoebae

Disease Germs

Ealand
Greaves
Park, W. H.
Shipley

Dust

Bradley
Brooks, C. F.
Hough, T.

Dust, Atmospheric

Williams, A. F. p. 41

Embryo

Beale
Gage

Ether

Lodge (b c d)

Excreta

Calkins
Cobb, H. A.
Conn (a)

Faeces

Cobb, H. A.

Fermentation

Conn (a)
Greaves

Fibers

Hogg
Johnson, G.
Neill
Schwann sec. 2

Fingerprints

Johnson, G.

Flyspecks

Cobb, H. A.

Foraminifera

Calkins
Calman, W. T.
Neill
Osborn, H. F. (e)
Yates

Fossils

Ealand
Neill
Osborn, H. F. (e)

Frost

Beavis

Fungi *Thallophyta*

Beale
Burnet
Coulter, J. G.
Coulter, J. M. (a b c)
Coulter, M. C.
Elliot, G. F. S. (b)
Felt
Huxley
Meier (a f)
Moon
Neill
Osborn, H. F. (e)
Pack
Park, W. H.
Whipple
Winton
Yates
See also Mold; Mildew

Genes

Altenburg

Germs

Altenburg
Barker
Bristol
Cobb, H. A.
Coulter, M. C.
Greaves
Jordan, E. O.
Osborn, H. F. (e)

Globules

Naegeli

Granules

Berthoud

Haemolysis

Kazeeff

Hair, Human, Cabbage,

Tobacco
Gosse (b)
Hogg
Johnson, G.

Insect anatomy

Beavis
Bradley (b)
Ealand
Gosse (b)
Hogg
Johnson, G.
Park, W. H.
Shipley
Stokes

Karyokinesis

Kazeeff

Malaria

Ealand
Greaves
Neill
Shipley
See also Hygiene

Marine life

Beavis
Ealand
Shipley
Stokes

Microbes

Burnet
Conn (b)
Coulter, M. C.
Hough, T.
Kazeeff
Neill
Park, W. H.
See also Germs; Bacteria

Microphages

Kazeeff

Mildew

Coulter, M. C.
Ealand
See also Mold

Mites

Shipley
Stokes
Yates

Molds *Mucorales*

Bradley (b)
Burnet
Coulter, J. M. (a b c)
Conn
Greaves
Park, W. H.
Yates
See also Fungi

Molecules

Abbot (f)
Beale
Downing
Fowle (b)
Hogg
Langdon-Davies
Lodge (a b)
Osborn, H. F. (e)
Stetson (b)

Mycetozoa

Crowder
Yates

Nais

Gosse (b)
Yates
See also Worms

Palmella

Yates
See also Algae

Parasites

Beavis
Calkins
Conn (a)

Parasites—Continued

Felt
Hogg
Huxley
Jordan, E. O.
Lull (a)
Osborn, H. F. (e)
Park, W. H.
Shipley
Stebbing, T. R. R.

Phagocytosis

Kazeeff

Plankton

Caulkins
Conger
Coulter, J. M. (b)
Coulter, M. C.
Hildebrand, S. F.
Lull (a)
Murphy, R. C. (h)
Osborn, H. F. (e)
Stefansson (e)
Whipple

Plant structure

Beavis
Bradley (b)
Conger
Greaves
Hogg
Johnson, G.
Stokes

Pollen

Ealand
Stokes

Polyps

Johnson, G.

Polyzoa

Gosse (b)
Johnson, G.

Pond life

Beavis
Ealand
Neill

Pores

Shipley

Protoplasm

Lodge (e)
Yates

Protozoa

Bradley, J. H. (b)
Burnet
Cunningham
Gosse (b)
Hough, T.
Huxley
Jordan, E. O.
Lull (a)
Kazeeff
Kopeloff
Meier (b)
Neill
Osborn, H. F. (e)
Park, W. H.
Whipple
Woodruff
See also Marine Life

Ptomaines

Burnet
Conn (a)

Puffballs

Crowder, W. (a)
See also Fungi

Pus

Beale

Rhizopods *Rhizopoda*

Johnson, G.

Saliva

Beale

Sand

Ealand

Secretions

Beale
Belling
Neill

Seed germination

Beavis
Ealand
Stokes

Sewage

Conn (a)
Greaves

Silage

Conn (a)
Greaves

Slime

Ellis, D.
Meier (b f)

Slime-mold *Myxomycetes*

Crowder, W. (a)

Snow

Beavis

Spirilla

Ealand
Park, W. H.
See also Bacteria

Sponges *Porifera*

Bradley, J. H. (b)
Osborn, H. F. (e)
Whipple
Yates

See also Marine Life

Spongy disease

Ellis, D.

Spores

Brooks, C. F.
Calkins
Cobb, H. A.
Conn (a b)
Coulter, J. G.
Coulter, J. M. (a b c)
Coulter, M. C.
Ealand
Greaves
Kopeloff
Meier (b d)
Osborn, H. F. (e)
Park, W. H.
Stokes
Woodruff
Yates

Sputum

Beale

Starch

Gage
Hogg
Johnson, G.
Meier (c)

Winton

Yates

Streptococcus

Conn (a b)
Ealand
Greaves
Kazeeff
See also Bacteria

Tissues

Beale
Gage
Hogg
Schwann sec. 2

Toxins

Burnet
Calkins
Greaves
Kazeeff
Kopeloff
Park, W. H.
See also Antitoxins

Trichina

Hough, T.

Trypanosomes

Kazeeff

Urine

Hogg
Johnson, G.
King

Vaccine

Greaves
Meier (a)
Park, W. H.

Vegetable tissues

Hogg
King
Naegeli

Viruses

Greaves
Meier (a)
Park, W. H.
Smith, K. M.

Volvox *Volvox globator*

Johnson, G.
Yates
See also Algae

Vomit

Beale

Vorticella

Johnson, G.
Yates

Water-Flea *Daphnia*

Yates

Whelk

Clark, A. H. (c)

Yeast *Saccharomyces*

Burnet
Ealand
Greaves
Neill
Park, W. H.

Zygote

Gager
Neill
Shipley

Section 4—Atmosphere

This section, like other interesting and important ones, did not appear in the first edition of the *Natural History Index-Guide*. References are made to forty-five titles of thirty-seven authors and to forty-nine subject headings, or well-known features of the atmosphere. The section has received editorial treatment from Loyal B. Aldrich, Assistant Director of the Astrophysical Observatory, of the Smithsonian Institution, who also recommended the use of some of the authorities listed here.

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Air

Abbot (e)
Botley
Emerson, W. R. P.
Hough, T.
Humphreys (a b)
Osborn (e)
Talman (b)

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Langdon-Davies

Air, Rare

Macready
Stevens, A. W. (c)

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Schuchert

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Harrow
Heyl
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Atmosphere, of Planets

Russell, H. N. (b)

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Chromosphere

Mitchell, S. A. (a b)
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Corona

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Anderson
Fisk
Jaffee
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Deutons

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Fisk
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Heyl
Lodge (a d e)
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Ether

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Fluorescence

Meier (c)

Halation

McNally

Helium

Abbot (e)
Fisk
Harrow
Mitchell (e)
Reichenbach
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Horizon

Piccard, A.
Stevens, A. W. (a b)

Hydrogen

McNally
Reichenbach
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Stevens, A. W. (c)

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Bretz
Schuchert

Ionosphere

Fisk
Gilliland
Mitchell, S. A.
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Lodge (a b)
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Kerbey, M.

Oxygen

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Kerbey, M.
Macready
Russell
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Bishop, C. W.
Dobson
Fisk
Fowle
Hinsdale
Meier (c)
Humphreys
O'Brien
Stevens (b c)

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Olcott
Smart

Polar lights

Fisk
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Abbot (e f)
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Meier (c)

Rays, Cathode

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Rays, Cosmic

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Brooks, C. F.
 Stevens, A. W. (b)

Spectrum, Spectra

Abbot (f)
 Forbes
 Lodge (a)
 McNally
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Spores

Stevens, A. W. (c)

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 Fisk
 Gish
 Humphreys
 Jaffee
 O'Brien
 Stetson (a)
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 Swann

Sunshine

Hinsdale
 Meier (c)
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Troposphere

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 Fisk
 Piccard, A. p. 370
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Twilight

Brooks, C. F.
 Piccard, A.

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 Fowle
 Lodge (a b)
 Meier (a c d e)
 Russell, H. N. (b)
 Smith, K. M.

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Langdon-Davies
 Lodge (e)
 Reichenbach
 Stetson (b)

Wireless Waves

Fisk

X-Rays

Abbot (f)
 Berthoud
 Fisk
 Harrow
 Langdon-Davies
 Meier (c)
 Reichenbach

Section 5—Astronomy

In broadening the scope and developing the field for the greatly enlarged second edition of the *Natural History Index-Guide*, Astronomy becomes an interesting and important unit. Included are 148 subject-headings, or stars, for information of which about 1010 references are made to 78 titles by 62 authors. Heading the list of authors and authorities are four titles of books by Charles Greeley Abbot, Secretary of the Smithsonian Institution and Director of its Astrophysical Observatory. The section received editorial treatment and bibliographical additions from Loyal B. Aldrich, Assistant Director to Dr. Abbot.

The section of Astronomy is closely related to the sections on Atmosphere and Meteorology and some authors and their titles are duplicated in the limited lists appearing at the head of all three sections.

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Comets and the sun 1927

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Aldebaran

Baker
Bernhard
Downing
Forbes
Jeans (a)
Langdon-Davies
Martin
Moseley (b)
Palmer (c)
Shapley
Showalter (f)

Algol

Baker
Bernhard
Downing
Forbes
Jeans (a)
Martin
Moseley (b)
Olcott
Shapley
Showalter (f)

Alpha centauri

Gardner, I. C.
Hubble
Lewis, I. M. (c)

Altair

Bernhard
Lewis, I. M. (c)
Palmer (c)
Showalter (i)

Andromeda

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Beavis (b)
Bernhard
Davis, J.
Downing
Jeans (a c)
Moseley (b)
Murphy (a b)
Palmer (c)
Reichenbach
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Antares

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Jeans (a c)
Lewis, I. M.
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Shapley
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Aquarius

Lewis, I. M. (c)

Aquila, The Eagle

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Archer, The

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Arcturus

Baker
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Aries, The Ram

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Cancer, The Crab

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Canis Major: The Big Dog

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Canis Minor: The Little Dog

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Lynx, The Lynx

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Olcott
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Martin
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Mitchell (b)
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Barrell
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 Downing
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 Hay
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Meier (c)
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Swan

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Dick
Downing
Hay
Jeans (a e)
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Moseley (b)
Moulton

Olivier
Russell (b)
Shapley
Showalter (f)
Smart
Weir

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Bernhard
Downing
Forbes
Jeans (a)
Martin
Moulton
Murphy (b)
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Ursa Minor, The Little Bear

Bernhard
Jeans (a)
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Palmer (c)
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Vega

Baker
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Bernhard
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Hubble
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Section 6—Meteorology

As nature mothers the universe, the weather blankets the unit known as the earth. Everything on the globe bears the imprint of the weather. The influence of the weather is exerted above and below the surface of the earth. Overhead is the realm of Astronomy and underneath that of Geology. Although the weather is basically related to all sections in natural science, the Meteorological section naturally falls between the sections of Astronomy and Geology in the order of the contents of this *Index-Guide*.

In addition to the following selected titles on Meteorology, there may be found in the general bibliography, Section 15, some 150 or 200 titles to which references are made under meteorological subject-headings.

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Baker, S. W. (a) Nubian
Desert shade 117°, sun
137°
(b) Ceylon 130°
Bock (b) Borneo 95°
shade; Siam 100° shade
Burnaby Siberia -40°
Burr, M. Siberia -55°
Reaumur

Temperature, maximum and minimum—Continued

Byrd, R. E. (c) 50°-70°
 (d) 69° below
 (f) 67° below
 Carvalho Rocky Mts.
 -30° to 95° shade
 Chapman, A. (b) -38°
 Chapman, F. M. (i) 112°
 in sun
 Coville, L. G. -40°
 Darton, N. H. (b) 125°
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 DuChailu (g) 150° p.183
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 shade
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 Grimshaw, B. (b) 94°
 max. shade
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 Hornaday 87°, 90°, 100°
 Jackson max. 42°; min.
 -46½°
 Johansen 110°
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 Lange 41° to 112° in
 shade
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 Macready -133° C. up
 58,000' p. 763
 Makin 106° max.
 March 52° to 88° min.
 and max.
 Melville min. 40°
 Methuen max. 98°
 Nansen -40°
 Nordenskiold -47° -50°
 *Nuttall up to 90°
 Payer min. -37° Reau-
 mur, -46° Centigrade
 Percival (a) 120° in
 shade
 Piccard, A. -76°
 Pickett -40°
 Russell, F. (a) -30°
 Saint-Cricq 79° in shade
 St. John, B. 102° in
 shade, 128° sun
 Savile (b) 115° in shade
 Selous, F. C. (b) 100° in
 shade

Sheldon -40° min.
 Shklovsky 60° cent. and
 lower
 Smith, Dr. 105° in shade
 Spears 12°
 Stanley 56° to 94°
 Stefansson (b) -54°, -68°,
 -90°; 80°, 100° in shade
 Stevens, A. W. (c) -80°
 Stuck (a b c) -58°, -60°, -100°
 Sykes 110°
 Thomson 112° in shade
 Treatt 116° in shade
 Van Der Muelen 118°
 Wallace 90° to -64°
 Wellby 105° in sun
 Wells, C. (a) 154° to
 160° in sun
 (b) 25° to 110°
 White 38° to 72°
 Whitehead 59° to 75°
 Whitney, H. 86° in sun
 to -50°
 Whymper, E. 13° to
 75½° in shade
 Whymper, F. -58°
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 -65° Jan. p.58, 60
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 Zahm 48° to 86°
 Zenzinov -71° C.

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 *Andrews, R. C. (a)
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 *Bock (a b c)
 Burnaby
 Carvalho
 Demidoff (b)
 Dickey
 Dunmore
 Dunraven

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Atkinson (a)
 Brooks, C. F.
 Burnaby
 *Carvalho
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 DeLesdain
 Demidoff (b)

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Brooks, C. F.
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Fowle (b)
 Humphreys (b)
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Humphreys (b)

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Humphreys (b)

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Pillsbury
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Stetson (b)

Section 7—Geology

This unit includes about 1400 references to 49 titles of 39 authorities or authors. These entries and others referring incidentally to geology are found in more complete form in the main bibliography, Section 15. There are listed here names of most of the common, ordinary, but useful things we find on and in Mother Earth, including the precious metals. They neither live nor die and appear to be dormant productions of prehistoric ages, but are closely related to the everyday existence of the animal and plant life found in the zoological and botanical sections. In the various sections the advice of scientific specialists has been sought. That service for this section has been provided by Dr. Ray S. Bassler, Curator of Geology, United States National Museum. But in this section as in others the compiler is responsible for mistakes made.

In addition to the following selected titles, there may be found in the general bibliography, Section 15, some 300 or 400 titles to which references are made under geological subject-headings.

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GEOLOGY

Acid, Hydrochloric

Jaggar

Aeolian erosion

Huntington, E. (e)

Agate

Foshag

Seaman

Alabaster

Foshag

Ries

Algonkian

Kolb, E.

Alkali

Close, U.

Morden (f)

Alluvial plains

Bradley (b)

Hobbs

King, F. H.

Volney ch. 2

Aluminum

Osborn (e)

Reichenbach

Scott (a)

Amber

Bassler

Chandler, D. (b)

Foshag

Amethyst

Hathaway, S.

Ammonia

Coker, R. E.

Anticline

Hobbs

Antimony

Birkinbine

Whitlock

Wright, H. S.

Asbestos

Bradley (b)

Ries

Whitlock

Ash, Volcanic

Griggs, R. F. (a b c)

Hobbs

Jaggar (a b)

Lee, T. F.

Martin, G. C.

Seeley (b)

Asphaltum

Fairchild, D. (a)

Merriam

Scriven

Asthenosphere

Barrell

Atoll

Barrett (c)

Daly

Gardner, I. C.

Huxley

Longley, W. H. (a)

Miner, R. W. (b)

Murphy, R. C. (d)

Pidgeon

Avalanche, Rock, Ice

Mitchell, G. E. (a)

Seligman

Bad Lands

Fenton

Mather (b)

See also South Dakota

Barrancos

Fairchild, D. (b)

Basalt

Atkinson

Boyd, L. A.

Bradley (b)

Bretz (b)

Byrne, D.

Daly

Darton, N. H. (b)

Forbes, A.

Hansen, L.

Hayes, J. G. (c)

Hobbs

Lumholtz

Munger

Ransome

Schmeckebier

Seaman

Secley (b)

Wilkins

Batholith, Idaho

Shenon

Beaches

Hobbs

Beryl

Foshag

Whitlock

Bismuth

Birkinbine

Lodge (b)

Bomb, Bread-crust

Jaggar (a)

Tyrrell

Boulder

Boyd, L. A.

Sterrett

Borax

Bradley (b)

Carpenter, F. G. (c)

Chapman, R. H.

Desmond ch. 8

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Ries

Brass

Ries

Bridge, Natural

Cummings, B.

Brimstone

Grew, J. C.

Bronze

Bishop, C. W.

Osborn, H. F. (d)

Ries

Brownstone

Ries

Butte

Boutwell

Bradley (b)

Hobbs

Calcareous limestone

Volney ch. 2

Calcite

Hobbs

Whitlock

Calcium

Langdon-Davies

Meier (b e)

Scott, W. B.

Cambrian beds

Bradley (b)

Walcott (b)

Cameo

Foshag

Canyons

Baker, S. W.

Bock (a)

Bretz

Huntington, E. (b)

Mendenhall

Shenon

Carbon

Boutwell

Bradley (b)

Coleman, A. P.

Fenton

Foshag

Mitchell, G. E. (d)

Osborn, H. F. (e)

Russell

Caves

Bernheimer

Hobbs

Sterrett

Van Der Meulen

Cement

Ries

Chalcedony

Foshag

Seaman

Whitlock

Chalk

Bassler

Seeley (b)

Cinders

Lee, T. F.

Clay

Barrett, C.

Campbell, M. R.

Close, U.

Hobbs

Pidgeon

Ries

Seeley (b)

Simpich (b)

Cliffs, Human habitations

Bernheimer

Sterrett

Coal

Agar

Bassler

Bickmore

Birkinbine

****Bock (b)**

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Boyd, L. A.

Bradley (b)

Bryce, J. (b)

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- Byrd, R. E. (f)
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 **Carpenter, F. G. (c)
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 Dingle
 *Enock
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 *Guillemard
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 **Hedin (k)
 Holland, W. J.
 *Lumholtz (a)
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 Moore, W. R. (g)
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 **Selous, F. C. (g)
 **Sheldon (b)
 Smyth
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 **Stuck (c)
 *Wells, C. (a)
 Wood, J. B. (c)
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Coal, Anthracite
 Bradey (b)
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 Adams, H. C. (b)
 McBride, R. Q.
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Coke
 Ries
Cones, Volcanic
 Jagger (a b)
 Lee, T. F.
 Shackleton
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- Bishop, C. W.
 *Bock (c)
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 *Dunraven
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Craters
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 *Burton, R. F. (m)
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Jameson
Long, E. G.
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Bronson, E. B.
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 Bishop, C. W.
 Birkinbine
*****Bock** (a b c)
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 Brown, W. H.
 Bryce, J. (b)
 Burg, A. (a b)
***Burton, R. F.** (m)
 Calderon
***Carpenter, F. G.** (c d)
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 Chater, M. (f)
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 Cole, M. C.
 Collins
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 Darton, N. H. (b)
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 Dell (a b c)
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***Dunraven** (b)
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 Forbes, H. O.
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 Gadow
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***Gillmore**
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 Gregory, H. E.
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 Hardy, C.
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 Holt, E. G. (b)
***Hornaday** (a)
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***Lumholtz** (a)
 McBride, R. Q.
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***Nansen**
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***Nordenskiöld**
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 Ruxton (b)
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***Selous, F. C.** (d)
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 Shelton, A. L.
 Smith, H. H.
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 Corey, H. (c)
 Daly
 Darton, N. H. (b)
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 Downing
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 Lee, T. F.
 Moses, G. H. (a)
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 Rock, J. F. (d)
 St. John, J. A.
 Seeley (b)
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Greenstone

Darwin, C.

Grindstone

Ries

Ground, Blue

Williams, G. F.

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 Murphy, R. C. (f)
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 Harrow
 Langdon-Davies
 Lodge (b)
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Abbot (f)
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Icecap, Iceberg

Daly
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 Nelson, E. W. (c)
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- Osborn, H. F. (d)
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- Jasper**
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- Jet**
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- Jewels**
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- Jol, Rock plateau**
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- Labradorite**
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- Lakes**
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- Landslide**
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- Lapis lazuli**
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- Hoffmeister
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 Hutchison, I. W. (b)
 Jaggard (a b)
 Lee, T. F.
 Rideing
 Shackleton
 Shippee
 Simpich (b)
 Tyrrell
 Worcester (b)
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- Lead**
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 Bock (d)
 Burg, A. (b)
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***Enock**
 Filson
***Fraser, J. B. (e)**
 Gregory, H. E.
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- Lignite**
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- Lime**
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- Limestone**
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 Barnard, M. R.
 Boyd, L. A.
 Bradley (b)
 Bretz (a b)
 Chamberlin
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 Darton, N. H. (a)
 Hobbs
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- Mountains**
*Abruzzi
*Arkell-Hardwick
Bradley, M. H.
Dugmore (d)
Hammond
Holder (a)
Rideing
*St. Cricq
Seabrook (c)
*Sheldon (d)
See also Adirondacks;
Alps; Andes; Atlas;
Himalaya; Rocky Mt;
Ruwenzori; and others
- Nickel**
Adams, H. C. (b)
Ries
Wilson, J. A. (b)
- Nickel-iron**
Boutwell
- Nitrate**
Carpenter, F. G. (c)
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Mitchell, G. E. (e)
Osborn, H. F. (e)
Whitlock
See also Minerals
- Nitrogen**
Coker, R. E.
Coulter, M. C.
King, F. H.
Meier (b)
Mitchell, G. E. (c)
Osborn, H. F. (e)
- Oasis**
Hobbs
- Obsidian**
Hobbs
Hubbard, B. R. (b)
Mitchell, G. E. (e)
Munger
Seeley (b)
- Oceans**
Daly
- Oil**
Campbell, M. R.
Carpenter, F. G. (d)
Gore, J. H. (b)
Grubb (b)
Morley
Stefansson (e)
Wood, J. B. (d)
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- Onyx**
Foshag
Lee, W. T. (b)
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- Opal**
Foshag
Lumholtz (a)
Ries
Whitlock
See also Metals, Precious
- Oxygen**
Harrow
Langdon-Davies
Lodge (e)
Scott (a)
- Paladium**
Davison, L.
- Paleozoic**
Bradley (b)
Tolmachev
- Pamirs**
Dunmore
- Pampa**
Elliot, G. F. S. (b)
Simpich (b)
- Pearls**
Foshag
Markham
Mayer, A. G.
- Peat**
Hanson, E.
Hobbs
Mitchell, G. E. (b d)
Ries
- Perlite**
Mitchell, G. E. (e)
- Phonolite**
Mitchell, G. E. (e)
- Phosphate, Rock**
Coker, R. E.
King, F. H.
La Gorce (c)
Mitchell, G. E. (c)
Murphy, R. C. (d)
Pidgeon
Ries
Thomson, J. P.
Whitlock
- Pisolate**
Lee, W. T. (a)
- Pitch, Pitchstone**
Hobbs
Mitchell, G. E. (e)
- Pitchblende**
Langdon-Davies
- Plains**
Bronson
See also Barrens; Desert;
Prairie; Veldt
- Platinum**
Bryce, J. (b)
Davison, L.
Grosvenor, G. (d)
Ries
Washburn (a)
- Porphyry**
Atkinson
Bradley (b)
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Gore, L.
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Lee, T. F.
- Priestley (b)
Williams, I. A.
- Potash**
Mitchell, G. E. (c e)
- Potassium**
King, F. H.
Meier (b e)
Scott (a)
- Potholes**
Bernheimer
- Pumice**
Griggs, R. F. (a b c)
Hoffmeister
Lee, T. F.
Martin, G. C.
Mitchell, G. E. (e)
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Pittier
Schmeckebier
Sterrett
Tyrell
Worcester (b)
- Pyrites**
Foshag
Ries
Shippee
Whitlock
- Quartz, Quartzite**
Bradley (b)
Bretz (b)
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Osborn, H. F. (d)
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Seaman
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- Quicksands**
Fenton
- Quicksilver**
Dell
Tschudi
- Radiolaria**
Ransome
- Radium**
Downing
Harrow
Langdon-Davies
Lodge (a b)
McBride, R. Q.
Mather (b)
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- Reef, Coral**
Huxley
Pidgeon
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- Rim-rock**
Sterrett
- Rivers**
Abruzzi
Andersson
Barnes
Baum
Bronson

- St. Cricq
See also Amazon; Congo;
 Euphrates; Mackenzie;
 Mississippi; Missouri;
 Niger; Nile; Ohio;
 Orinoco; St. Lawrence;
 Tigris, etc.
- Rock, Sedimentary**
 Agar
 Bretz
 Capps
 Daly
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Rock-flour
 Boutwell
- Ruby**
 Atkinson (b)
 Bock (c)
 Foshag
 Moore, R. W. (e)
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- Salt, Salt mines**
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 Nuttall (a)
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 Yule
- Salt, Rock**
 Lee, W. T. (b)
- Salt-peter**
 Meakin (a)
- Sand, Sand dunes**
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 Johnson, F. E. (b)
 Kearney (b)
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 Schantz
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- Sandstone**
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- Sapphire**
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- Sardonyx**
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- Savannas**
 Crampton
 Heilprin, A. (e)
- Schist**
 Bradley (b)
 Forbes, A.
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 Priestley (b)
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- Scoria**
 Hoffmeister
 Munger
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- Seacoast**
 Andersson
- Serac or Pinnacle**
 Hyde, W. W.
- Shale**
 Bradley (b)
 Hobbs
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 Mather (b)
 Mitchell, G. E. (a)
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- Shale, Blue**
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- Shelf-ice**
 Drygalski
 Mecking
 Nordenskjold
- Shoreline**
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- Silica**
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 Wood, J. B. (c)
- Silicate**
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- Silicon**
 Scott (a)
- Silt**
 Dennis, A. P. (a)
- Silver**
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 Bryce, J. (b)
 Burg, A. (b)
 Calderon
 Campbell, M. R.
 *Carpenter, F. G. (c d)
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 *Enock
 Filson
 Fountain (b)
 Gadov
 Gregory, H. E.
 Grosvenor, M. B.
 Grubb (b)
 Kirkwood (b)
 Lumholtz
 Markham (c)
 Prodders
 Reid
 Ries
 Scriven
- Squier (c)
 Wallace, D.
 Willson, J. A.
 Wilson, R. A. (b)
 Wright, H. D.
 Zahm
- Slate**
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 Graves, R. A. (a)
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- Soapstone**
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- Sodium**
 Harrow
 Reichenbach
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- Solfataras**
 Mendenhall
- Stalactite**
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- Stalagmite**
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- Steel**
 Mackenzie, C. D.
- Steppes**
 Bishop, C. W.
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 Elliot, G. F. S. (b)
 Greely (b)
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 Kennan, G. (b)
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 Nabours
 Winter, N. O.
- Sulphur**
 Adams, H. C. (b)
 Chater, M. (a)
 Downing
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 Simplic (h)
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- Swamp**
 Abruzzi
 Agar
 Andersson
 Fountain, P. (a)
- Syenite**
 Bradley, J. H. (b)
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- Tableland**
 Tate, G. H. H.
- Talc, Ground**
 Corey, H. (c)
 Hobbs
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- Talus**
 Bradley (b)
 Bretz (b)
- Tar-pits**
 Fenton
- Tertiary rock**
 Coleman, A. P.
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Price, W.

Tin

Bishop, C. W.

*Bock (d)

Carpenter, F. G. (c d)

Conway (e)

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Gregory, H. E.

Kroeber

Maxwell

Moore, W. R. (e)

Prodgers

Rathborne

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Smyth

Springer

*Stanley (b)

*Wells, C. (a)

Topaz

Atkinson (a)

Foshag

Ries

Whitlock

Trachyte

Munger

Travertine

Kolb, E.

Treasures, Buried

Chilvers

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Walcott (d)

Tufa

Hobbs

Munger

Tundra

Bishop, C. W.

Bryce, J. (b)

Elliot, G. F. S. (b)

Mecking

Zenzinov

Tungsten

Adams, H. C. (b)

Carpenter, F. G. (d)

Ries

Wells, C. (a)

Turquoise

Downing

Judd, N. M. (e)

Foshag

Sykes

Whitlock

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Hobbs

Willis

Uranium ore

Langdon-Davies

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Reichenbach

Simpich (h)

Vapor, Volcanic

Griggs, R. F. (b)

Veld or Veldt

Hamilton, J. S.

See also Prairie**Volcano**

Adams, H. C. (f)

Barns, T. A.

Bradley (b)

Bryant, H. G.

Burden, W. D.

Burg, A. (a)

Chapman, O. M.

Corey, H. (f)

Daly

Dyott (c)

Forbes

Gooding, P.

Grew, J. C.

Griffis

Griggs, R. F. (b c)

Grosvenor, G. (f)

Hobbs

Kerr, W. M.

Mather (a)

Murphy, R. C. (d)

Odell

Popenoe, P. B.

Price, W.

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Seeley (b)

Shackleton

Sultan

Thomson, Joseph (a)

Tyrrell

Van Dyke

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Walcott (a)

Willis

Wadies, Dry river bed

Van Der Meulen

Water-table

Bradley (b)

Whetstone

Wells, J. W.

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Schmeckebeier

Zeolite

Seaman

Zinc

Gregory, H. E.

Ries

Wilson, J. A. (b)

Wright, H. D.

Zircon

Moore, R. W. (e)

Section 8—Paleontology

In the accepted order, for study, of the various sections and divisions in natural science, Paleontology follows Geology, with which it is closely connected. To pursue the continued history, past and present, of the two following sections of Botany and Zoology it is essential that Paleontology be included in the scope of consideration; therefore the fifteen divisions in the next sections in order (9 and 10) have their beginnings in Paleontology.

Life, however, being extinct in fossils, they do not present the popular themes for the study of the living as do the living things, consequently this division is quite limited. About 600 references are given to twenty authorities, authors of thirty-eight titles, under 190 subject-headings. As the forms have been subject to evolution, they have received names different from those of their closest living relatives, consequently most of them are in Latin and have no popular equivalent in English. Hence, few double subject-headings are given, most of them being original scientific terms.

In the limited bibliography herewith included are seven titles by Charles W. Gilmore, who has edited the section and recommended other titles used. Dr. Gilmore, a recognized authority, is Curator of the Division of Vertebrate Paleontology in the United States National Museum. Mammals, fishes, and birds being the larger and better known subjects, references to their fossil remains largely occupy this section.

For complete entries of authorities see main bibliography, Section 15.

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PALEONTOLOGY

- Aepyornis**
Lucas, F. A.
Miller, G. S. (b)
- Agriochoerus**
Miller, G. S. (b)
- Albertosaurus**
Gilmore (b)
Brown, B.
- Alligator**
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See also Crocodiles
- Allosaurus**
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Lull (a b c)
Osborn, H. F. (e)
- Anchisaurus**
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Osborn, H. F. (e)
- Andrewsarchus** *Andrewsarchus mongoliensis*
Andrews, R. C. (g)
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- Ankylosaurus** *Ankylosaurus magniventris*
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Felton, C. L. (a)
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- Anolis**
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- Anomoepus**
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- Ant-eater**
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- Antrodemus**
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- Apatosaurus**
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- Apteryx**
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- Archaeopteryx**
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Miller, G. S. (b)
Osborn, H. F. (e)
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- Archelon** *Archelon ischyros*
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Osborn, H. F. (e)
- Auk**, Great *Plautus impennis*
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- Balanoglossus**
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- Baluchitherium**
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- Baptanodon**
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- Basilosaurus** *Basilosaurus cetoides*
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- Bison**
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- Brachiosaurus**
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- Brachyceratops**
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- Brontops**
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- Brontosaurus**
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Lucas, F. A.
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- Brontotherium**
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- Camarasaurus**
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- Camptosaurus**
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Osborn, H. F. (e)
- Cephalaspis**
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Osborn, H. F. (e)
- Ceratosaurus** *Ceratosaurus nasicornis*
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- Champsosaurus**
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- Cheirotherium**
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- Chlamydosaurus**
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- Claosaurus**
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Mitchell, G. E. (b)
- Conch-shell** *Pyrgulifera humerosa*
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- Condylarth** *Phenacodus resartus*
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Osborn, H. F. (e)
- Corthosaurus**
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- Coryphodon**
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Fenton, C. L. (a)
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- Cotylosaur**
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- Creosaurus**
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- Cricotus**
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- Crocodyles**
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- Crustacean**, Middle Cambrian
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- Cymbospondylus**
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- Cynognathus**
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- Daphaenodon** *Daphaenodon superbus*
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- Dermochelys**
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- Desmathyrus**
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- Diadectes**
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- Diceratherium**
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- Didelphys**
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- Diplocaulus**
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- Diplodocus**
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- Diplomystus**
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- Diprotodon**
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- Dolichorhinus**
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- Dryosaurus**
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- Echidna**
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- Elasmosaurus**
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- Elephant *Elephas***
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- Elephant, Woolly *Elephas primigenius***
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- Elk, Irish *Megaceros***
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- Embolotherium**
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- Endothiodon**
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- Eohippus**
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- Eotitanops**
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- Ferns, Fossil**
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- Ginkgo tree**
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- Gorgosaurus**
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- Ground-sloth**
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- Hesperopithecus**
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- Hesperornis *Hesperornis regalis***
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- Hoatzins**
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- Hoplophoneus**
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- Horse, Pampas *Hippidium***
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- Hyaenodon**
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- Hydrarchus**
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- Hyena, Cave**
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- Hyla**
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- Hypacrosaurus *Hypacrosaurus altispinus***
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- Hypohippus**
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- Hypsilophodon**
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- Hyacotherium**
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- Ichthyornis**
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- Ichthyosaurus**
Bradley, J. H. (b)
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Lankester (b)
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- Iguanodons**
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- Indricotherium**
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- Kalobatippus**
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- Kritosaurus**
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- Labidosaurus**
Osborn, H. F. (e)

- Labrosaurus**
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- Laosaurus**
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- Lariosaurus**
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- Lingula**
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Osborn, H. F. (e)
- Lizard**
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- Loricaria**
Lucas, F. A.
Osborn, H. F. (e)
- Macrocerus**
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- Mammoths** *Elephas primigenius*
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Carey, E.
Digby, B.
Fenton, C. L. (a)
Lucas, F. A.
Lull (a b)
MacDougall
Markham (d)
Miller, G. S. (b)
Osborn, H. F. (d e)
Regan, C. T.
Seeley (a)
Tolmachev
Zenzinov
- Mammoths, Woolly**
Lull (a b)
Osborn, H. F. (e)
- Mastodons**
Andrews, R. C. (g)
Bishop, C. W.
Fenton, C. L. (a)
Gilmore (d e)
Lull (a b)
MacDougall
Miller, G. S. (b)
Osborn, H. F. (a d e)
- Mastodonsaurus**
Gilmore (a)
- Megacerops**
Osborn, H. F. (f)
- Megalosaurus**
Gilmore (b)
Scott (b)
Seeley (a b)
- Menodus**
Osborn, H. F. (f)
- Meritherium**
Lankester (a)
See also Elephas
- Mesohippus**
Lucas, F. A.
Miller, G. S. (b)
Osborn, H. F. (e)
Romer
- Mesosaurus**
Lull (a)
Osborn, H. F. (e)
- Missourium**
Lucas, F. A.
Lull
- Moa**
Lucas, F. A.
Miller, G. S. (b)
- Moloch**
Lucas, F. A.
- Monkeys**
Lull (a)
Mather (a b)
Osborn, H. F. (e)
- Monoclonius**
Brown, B.
Lull, R. S. (a)
- Moropus**
Lull (a b)
Matthew
- Mosasaurs**
Gilmore (f)
Lucas, F. A.
Lull (a b)
Osborn, H. F. (e)
- Myodon**
Lucas, F. A.
Lull (a)
Miller, G. S. (b)
- Nothosauria**
Osborn, H. F. (e)
Williston
- Ornithomimus**
Brown, B.
Gilmore (a b)
Lull (a)
Osborn, H. F.
- Ornithosaura**
Seeley (a)
- Palaeomastodon**
Lankester (a)
Lull (b)
Osborn, H. F. (e)
- Palaeosaurus**
Scott (b)
- Palaeosyops**
Osborn, H. F. (f)
- Phororhacos**
Lucas, F. A.
- Phytosauria**
Gilmore (e)
Osborn, H. F. (e)
Williston
- Placochelys**
Osborn, H. F. (e)
- Plateosaurus**
Gilmore (b)
Lull (a)
Osborn, H. F. (e)
- Plesiosaur**
Fenton, C. L. (a)
Lull (a b)
Mitchell, G. E. (c)
Osborn, H. F. (e)
Romer
Scott (b)
Seeley (a b)
Williston
- Plihippus**
Matthew
- Podokosaurus**
Lull (a)
Osborn, H. F. (e)
- Proboscidae**
Lull (c)
Schuchert
- Protoceras celer**
Lull (a)
Miller, G. S. (b)
- Protoceratops andrewsi**
Andrews, R. C. (g)
Lull, R. S. (a)
- Protohippus**
Lucas, F. A.
Lull (a)
Miller, G. S. (b)
- Protosauria**
Williston
- Pteraspis**
Lucas, F. A.
- Pterichthys**
Fenton, C. L. (a)
Gilmore (a)
Lucas, F. A.
Lull (a)
Osborn, H. F. (e)
- Pterodactyls**
Fenton, C. L. (a)
Osborn, H. F. (e)
Lucas, F. A.
Lull (a)
Seeley, H. G.
- Pterosaurs**
Bradley, J. H. (b)
Lull (a b)
Mather (b)
Osborn, H. F. (e)
Seeley (a)
Williston
- Radiolarians**
Lucas, F. A.
Lull (a)
Osborn, H. F. (e)
- Reindeer** *Rangifer tarandus*
Gilmore (d)
Lull (a)
Osborn, H. F. (e)
- Reptiles**
Lull (a b c)
Osborn, H. F. (e)
Scott, W. B. (b)
Seeley (a)
Williston
- Rhinoceros**
Andrews, R. C. (g)
Bishop, C. W.
Fenton, C. L. (a)
Lucas, F. A.
Lull (a b)
Miller, G. S. (b)
Osborn, H. F. (e f)
Romer
Scott, W. B. (b)
Seeley (a)

- Rhinoceros, Woolly** *Diceros antiquitatis*
 Carey, E.
 Lucas, F. A.
 Lull (a b)
 Osborn, H. F. (d e)
 Roosevelt, T. (o)
 Seeley (a)
 Tolmachev
- Rhynchocephalia**
 Osborn, H. F. (e)
 Williston
- Rhytidiodon**
 Osborn, H. F. (e)
- Samotherium**
 Gatti, A. (a b)
See also Okapi
- Saurolophus** *Saurolophus osborni*
 Brown, B.
 Lull (a)
- Sea-lilies**
 Bassler
 Lull (a b)
- Sea-scorpions**
 Bassler
- Sequoia**
 Lull
 Osborn, H. F. (e)
 Scott (b)
 Seeley (b)
- Seymouria**
 Osborn, H. F. (e)
 Romer
- Shark's tooth**
 Bassler
 Mitchell, G. E. (c)
 Osborn, H. F. (e)
- Stegosaurus**
 Fenton, C. L. (a)
 Gilmore (a b e)
 Lucas, F. A.
 Lull (a b c)
 Gilmore, C. W. (b)
- Osborn, H. F. (e)
 Romer
- Stenomylus**
 Colbert (c)
 Lull (a b)
 Miller, G. S. (b)
- Struthiomimus**
 Gilmore (a b)
 Lull (a)
 Osborn, H. F. (e)
- Telmatherium**
 Osborn, H. F. (f)
- Thescelosaurus**
 Gilmore (g)
- Thespesius**
 Lucas, F. A.
- Tichorhinus**
 Roosevelt, T. (o)
- Tiger, Saber-toothed** *Smilodon californicus*
 Attenburg
 Fenton, C. L. (a)
 Lull (a b)
 Merriam
 Romer
 Roosevelt, T. (o)
- Titanichthys**
 Lucas, F. A.
- Titanotherium**
 Andrews, R. C. (g)
 Lull (a)
 Miller, G. S. (b)
 Romer
 Osborn, H. F. (e f)
- Trachodon**
 Gilmore (b e g)
 Lull (a b)
 Osborn, H. F. (e)
- Trachodonts, Duck-billed**
 Brown, B. (a b)
 Osborn, H. F. (e)
- Triceratops**
 Brown, B.
 Fenton, C. L. (a)
- Gilmore (a e f g)
 Lankester (a)
 Lucas, F. A.
 Lull, R. S. (a)
 Mitchell, G. E. (b)
 Regan, C. T.
 Romer
 Seeley (a)
- Trinacromerion**
 Osborn, H. F. (e)
- Tritylodon**
 Andrews, R. C. (g)
 Lull (a)
- Tupaia**
 Osborn, H. F. (e)
- Turtles, Fossil**
 Gilmore (c)
 Lull (a)
- Tylosaurus**
 Gilmore (f)
 Osborn, H. F. (e)
- Tyrannosaurus (T. rex)**
 Fenton, C. L. (a)
 Gilmore (a b)
 Lull (a b)
 Osborn, H. F. (e)
- Ursus**
 Gilmore (d)
 Lull (a)
- Varanops**
 Osborn, H. F. (e)
- Varanus**
 Lull (a)
 Osborn, H. F. (e)
- Wolves**
 Carey, E.
 Lull (a b)
- Zenaglodon**
 Kellogg
 Lucas, F. A.
 Lull (a)
 Miller, G. S. (b)
 Osborn, H. F. (e)
 Scott (b)
 Seeley

Section 9—Botany

Section 9. Division 1. MICROSCOPIC LIFE See Section 3.

Section 9. Division 2. PLANTS

As in the case of Divisions 3 to 6 of this section, plants form a new division. The subject-headings were edited by and received their Latin names from Mr. Ellsworth P. Killip, author, curator, and authority on plant life, also member of the scientific staff of the U.S. National Museum.

See also Tree and Flower Bibliographies for additional authorities on plants.

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PLANTS

- Agave** *Agave*
MacDougal (b)
See also Cactus
- Air-plant**
Anthony, H. E. (c)
Fairchild, D. (a)
Higgins
- Alder**
See Trees
- Alfalfa** *Medicago sativa*
Britton
Clements
Coulter, J. G.
Coulter, J. M. (c)
Coulter, M. C.
Fullerton
Showalter (g)
Walton, G. L.
- Algae, Sea-plants**
Brown, R. N. R. (b)
Mann, A.
Mecking
See also Microscopic life
- Allspice** *Benzoin aestivale*
Peterson, M. G.
- Aloes** *Aloe*
Britton
Clark, C. U.
Gager
Gray, A.
Van Der Meulen
See also Century plant
- Amsonia, Willow** *Amsonia tabernaemontana*
Gray, A.
Showalter (g)
- Ape-ape**
Castle, W. R.
- Arethusa** *Arethusa bulbosa*
Showalter (g)
- Arnica, Arctic** *Arnica alpina*
Abbe
Gray, A.
McMillan, D. B. (a)
- Arrow-leaf** *Sagittaria*
Coulter, J. M. (b)
Quinn
See also Flowers, Tear-thumb
- Ash, American mountain**
Sorbus americana
Eaton (e)
Gray, A.
- Baked-apple berry** *Rubus chamaemorus*
Grenfell (d)
See also Labrador
- Bamboo**
See Trees
- Barbasco or Cube** *Lonchocarpus micou*
Killip
- Barberry, European** *Berberis vulgaris*
Coulter, J. G.
Coulter, J. M.
- Gray, A.
Showalter (g)
See also Fruits; Berry
- Bayberry** *Myrica carolinensis*
Britton
Curtis, C. C.
See also Fruits; Berry
- Bergamot, Wild** *Monarda*
Britton
Durand, H.
Gray, A.
Showalter (g)
- Betony, Wood** *Pedicularis canadensis*
Britton
Durand, H.
Gray, A.
Showalter (g)
See also Flowers
- Bisnaga** *Echinocactus*
Darton, N. H. (b)
McDougal
- Bitter-root** *Lewisia rediviva*
Grosvenor, G. (a)
Guie
- Bittersweet, American** *Celastrus scandens*
Britton
Bush-Brown
Durand, H.
Eaton (e)
Gray, A.
Peterson, M. G.
Quinn
Showalter (g)
See also Nightshade
- Bladdernut**
See Trees
- Bladderwort** *Calpidisca humboldtii*; *Utricularia*
Britton
Coulter, J. M. (a)
Gray, A.
Tate, G. H. H.
See also Flowers
- Blood-root** *Sanguinaria canadensis*
Mathews (b)
- Bramble** *Rubus*
Britton
Gray, A.
Wollaston
- Bromeliad** *Bromeliaceae*
Crampton
Gray, A.
- Bruyere or Briar-root**
Williams, M. O. (i)
- Buckthorn** *Rhamnus cathartica*
Peterson, M. G.
See also Trees; Flowers
- Burdock** *Arctium lappa*
Coulter, J. G.
Coulter, J. M. (a b)
Gager
Palmer, E. L. (a)
Quinn
- Burnet, American** *Sanguisorba canadensis*
Gray, A.
Showalter (g)
- Burning bush** *Euonymus atropurpureus*
Bush-Brown
Durand, H.
Gray, A.
Quinn
See also Spindle-tree
- Bur-reed, Branching** *Sparganium angrocladum*
Showalter (g)
- Bush-rope**
Hingston (b)
- Button bush**
See Flowers
- Cactus** *Cactaceae*
Abbot (c)
Baker, R. W.
Bernheimer
Bingham, H. (c)
Blayne
Britton
Clatworthy
Corey, H. (a)
Costa, G.
Coulter, J. G.
Coulter, J. M. (b c)
Elliot, G. F. S.
Gager
Gray, A.
Grosvenor, G. (a)
Hanna, G. D.
Johnston, H. H. (l)
Kerby (c)
Lee, J.
Mendenhall
Nelson, E. W. (c)
Schumann
Shantz
Simpich (k)
- Cactus, Barrel**
Kolb
McDougal (a b)
Shantz
- Cactus, Devil's creeping**
Cercus eruca
Nelson, E. W. (c)
- Cactus, Giant** *Carnegiea gigantea* and others
Darton, N. H. (b)
Huey
Lee, W. T. (b)
Nelson, E. W. (c)
- Cactus, Lechuguilla** *Opuntia imbricata*
Lee, W. T. (b)
- Cactus, Melon**
Lee, W. T. (b)
- Cactus, Organ**
Darton, N. H. (c)
MacDougal (b)
- Cactus, Spineless**
Fairchild, D. (e)

- Cactus, Tree**
MacDougal (a b)
- Cactus, Water, Arizona *Fero-*
*cactus wislizeni***
Lee, W. T. (b)
- Cactus, White *Opuntia fulgida***
Lee, W. T. (b)
- Cane**
Britton
Gray, A.
Rhône
Rock, J. F. (b)
- Canna *Canna***
Abbot (c)
See also Flowers
- Caper *Capparis***
Baker, R. W
Britton
Gray, A.
- Carob *Ceratonia siliqua***
Fairchild, D. (e)
Quinn
See also St. John's bread
- Carriionflower *Smilax herbacea***
Gray, A.
Showalter (g)
Walton, G. L
- Castor-oil plant *Ricinus com-*
*munis***
Abbot (c)
Coulter, J. M. (b)
Gill, Mrs.
Hodge
Quinn
- Cat's claw *Acacia greggii***
Quinn
See also Devil's claw
- Cattail, Common *Typha lati-*
folia; *T. angustifolia***
Abbot (c)
Britton
Gray, A.
Palmer, E. L. (a)
Quinn
Showalter (g)
- Century plant *Agave ameri-*
*cana***
Anthony, H. E. (c)
Bingham, H. (c)
Britton
Darton, N. H. (c)
Gray, A.
La Gorce (d)
Lee, J.
Lee, W. T. (b)
- Chaparral, Cactus**
Coulter, J. M. (b)
Elliot, G. F. S.
Whitaker
- Cholla *Opuntia***
Mendenhall
- Clover *Trifolium***
Chase, A.
Walton, G. L
- Cocklebur *Xanthium***
Coulter, J. G.
Coulter, J. M. (a b)
Quinn
- Coffee *Coffea arabica***
Castle, W. R.
Gray, A.
- Grosvenor, G. (b)
LaGorce (d)
Lee, T. F.
Mjöberg ch. 28
Moore, W. R. (a)
Pittier
Quinn
Schumann
Tisdell
- Cohosh, Blue *Caulophyllum*
*thalictroides***
Eaton (e)
Gray, A.
- Compass plant *Silphium laci-*
*natum***
Coulter, J. M. (a)
- Coralluma**
MacDougal (b)
- Cornel, Silky *Cornus amomum***
Durand, H.
Eaton (e)
Gray, A.
Peterson, M. G
- Cotton *Gossypium***
Abbot (c)
Blodgett ch. 14
Chater, M. (h)
Collings, G. N.
Coulter, J. G
Coulter, J. M.
Coulter, M. C.
Dennis, A. P. (a)
Gray, A.
Quinn
Simpich (l)
- Creosote bush *Covillea tri-*
*dentata***
Lee, W. T. (b)
Shantz
- Devil's club *Echinopanax*
*horridum***
Muir
- Dock *Rumex***
Britton
Gray, A.
Quinn
- Dock, Curly *Rumex crispus***
Gray, A.
Palmer, E. L. (a)
Showalter (g)
- Dogwood**
See Trees; Flowers
- Elder *Sambucus***
Britton
Gray
Peterson, M. G.
- Elder, Sweet *Sambucus cana-*
*densis***
Eaton (e)
Gray, A.
- Elephant-ears *Araceae***
Chapman, F. M. (h)
- Euphorbia *Euphorbia***
Fairchild, D. (b)
Gray, A.
- Fique *Fourcroya macrophylla***
Popenoe
- Flax *Linum***
Gager
Quinn
Smith, H. M.
See also Flowers
- Foxtail, Alpine *Alopecurus*
*alpinus***
Gray, A.
MacMillan, D. B. (a)
- Galax *Galax***
Chater, M. (h)
Gray, A.
- Gale, Sweet *Myrica gale***
Showalter (g)
- Garlic *Allium sativum***
Britton
Gray, A.
- Garlic, Field *Allium vineale***
Gray, A.
Showalter (g)
- Ginger, Wild, Canada *Asarum*
*canadense***
Durand, H.
Showalter (g)
- Ginseng *Panax***
Britton
Deering, M. C.
Gray, A.
- Ginseng, Dwarf *Panax tri-*
*folium***
Eaton (d)
Gray, A.
- Goldenclub**
- Goldenglow**
- Goldenrod**
See Flowers
- Gorse *Ulex europaeus***
Britton
Coulter, J. M. (b c)
Mellor, F. H.
- Gourd *Lagenaria***
Abbot (c)
Finck
Hodge
Quinn
- Grass, Barnyard *Echinochloa*
*crusgalli***
Britton
Geske and Showalter
- Grass, Bermuda *Cynodon*
*dactylon***
Abbot (c)
Chase, A.
- Grass, Blue, Kentucky *Poa*
*pratensis***
Britton
Chase, A.
Forbes, A.
Geske and Showalter
Gray, A.
Lamson-Scribner
- Grass, Blue-eyed, Eastern**
Sisyrinchium graminoides
Eaton (a)
- Grass, Elephant *Pennisetum*
*purpureum***
Elliot, G. F. S. (b)
- Grass, Fescue**
Forbes, A.
See also Labrador

- Grass, Foxtail, Yellow** *Setaria lutescens*
 Britton
 Geske and Showalter
- Grass, Orchard** *Dactylis glomerata*
 Britton
 Chase, A.
 Geske and Showalter
- Grass, Pampas** *Cortaderia selloana*
 Abbot (c)
 Chase, A.
 Quinn
- Grass of Parnassus** *Parnassia*
 Keeler (b)
- Grass, Purpletop** *Triodia flava*
 Geske and Showalter
- Grass, Redtop** *Agrostis palustris*
 Geske and Showalter
- Grass, Rush**
 Geiser, K. F.
- Grass, Rye** *Lolium perenne*
 Britton
 Geske and Showalter
- Grass, Star** *Hypoxis hirsuta*
 Eaton (a)
- Grass, Timothy** *Phleum pratense*
 Abbot (c)
 Chase, A.
 Gager
 Geske and Showalter
- Grass, Tussock** *Poa flabellata*
 Murphy, R. C. (e)
- Greenbrier, Blueleaf** *Smilax glauca*
 Eaton (e)
 Gray, A.
- Greenbrier, Roundleaf** *Smilax rotundifolia*
 Britton
 Eaton (e)
 Peterson, M. G.
- Ground nut** *Apios tuberosa*
 Britton
 Durand, H.
 Peterson, M. G.
- Guiji vine**
 Higgins
- Hawkweed** *Hieracium venosum*
- Hazelnut** *Corylus*
 Britton
 Gray, A.
 Koch, F. J. (b)
 Quinn
See also Trees
- Heather** *Calluna vulgaris*
 Britton
 Coulter, M. C.
 Elliot, G. F. S. (b)
 Gray, A.
 Walmsley
 Wright, H. D.
See also Flowers
- Hemp** *Cannabis sativa*
 Barrett, O. W.
 Britton
- Brown, C. A.
 Coulter, M. C.
 Gray, A.
 Smith, H. M. (h)
- Henequen** *Agave*
 Olsson-Seffer, P.
- Holly** *Ilex*
 Borah
 Britton
 Elliot, G. F. S. (b)
 Gray, A.
 Moore
 Peterson, M. G.
 Wakeman
See also Flowers; Trees
- Holly, Vaupon** *Ilex vomitoria*
 Moore, W. R. (d) p. 239
- Honey-creeper**
 Tate, G. H. H.
- Hop** *Humulus*
 Hodge
- Ipecac** *Triosteum perfoliatum*
 Peterson, M. G.
- Ironweed** *Vernonia novboracensis*
 Britton
 Durand, H.
 Gray, A.
- Ivy, Boston** *Pseuderacis tricuspidata*
 Hodge (b)
- Ivy, Ground** *Glechoma hederacea*
 Britton
 Gray, A.
 Showalter (g)
- Jewel-weed**
See Flowers
- Jimson-weed** *Datura stramonium*
 Coulter, M. C.
 Gager
 Quinn
See also Fairy-caps
- Juniper** *Juniperus*
 Britton
 Gray, A.
 Mecking
 Wright, A. D.
See also Trees
- Jute**
 Showalter (e)
- Kelp (Giant)** *Macrocystis*
 Abbot (c)
 Coulter, J. G.
 Coulter, M. C.
 Holder, C. F. (f)
 Koelz
 Mecking
- Kinnikinnik**
See Cornel
- Lantana** *Lantana*
 Bryant, H. G.
 Scidmore (b)
See also Java
- Laurel, Mountain** *Kalmia latifolia*
 Britton
- Chater, M. (h)
 Durand, H.
 Gray, A.
 Grosvenor, G. (a)
 Mathews (b)
 Walton, G. L.
See also Trees
- Lespedeza** *Lespedeza*
 Coulter, J. M. (b)
- Lianas**
 Critchell
 Forrest, G.
 Gill, Mrs.
- Lichen**
 Abbot (c)
 Brown, R. N. R. (b)
 Coulter, J. G.
 Coulter, J. M. (a)
 Coulter, M. C.
 Elliot, G. F. S. (b)
 Forbes, A.
 Koelz
 Mecking
 Nordenskjold
 Rock, J. F. (b)
 Wilkins (c)
- Licorice, Wild**
 Britton
 Wood, J. B. (d)
- Live-forever** *Echeveria gibbiflora*
 Maxon (b) p. 148
- Liverwort** *Marchantia*
 Brown, R. N. R. (b)
 Coulter, J. G.
 Coulter, J. M. (a b)
 Durand, H.
 Gager
 Geiser, K. F.
 Mathews (b)
- Lizardtail** *Saururus cernuus*
 Britton
 Gray, A.
 Showalter (g)
- Lobelia**
See Flowers
- Lupine**
See Flowers
- Magnolia, Beach** *Scaevola lobelia*
 Britton
 Gray, A.
 Wetmore (k)
- Magwey** *Agave*
 Adams, H. C. (g)
- Maize** *Zea mays*
 Kempton
See also Corn; Vegetables
- Manioc** *Manihot esculenta*
 Crampton
- Marihuana** *Cannabis sativa*
 Brown, C. A.
See also Indian hemp or red-root
- Mesquite** *Prosopis juliflora*
 Britton
 Chapman, R. H.
 Kolb, E.

- McDougal (a b)
 Moon
 Quinn
 Shantz
Millet *Panicum miliaceum*
 Abbot (c)
Mistletoe *Phoradendron flavescens*
 Abbot (c)
 Britton
 Coulter, M. C.
 Gray, A.
 Grosvenor, G. (a)
 Quinn
Moonseed, Common *Menispermum canadense*
 Britton
 Gray, A.
 Showalter (g)
Moss, Feather
 Geiser, K. F.
Moss, Gold *Sedum acre*
 Showalter (g)
Moss, Spanish *Tillandsia usneoides*
 Schumann
Mosses
 Brown, R. N. R. (b)
 Forbes, A.
 Mecking
Mullein
 See Flowers
Mustard
 Coulter, J. G.
 Coulter, M. C.
 Emerson, F. M.
 See also Flowers; Vegetables
Myrrh *Myrrhis odorata*
 Van Der Meulen
Myrtle family *Myrtaceae*
 Abbot (c)
Ocotillo, Candlewood *Fouquieria*
 Lee, W. T. (b)
 MacDougal (b)
Osier, Red *Cornus stolonifera*
 Durand, H.
 Gray, A.
 See also Dogwood
Papyrus *Cyperus papyrus*
 Gray, A.
 Shay, F.
Papyrus, Egyptian
 Abbot (c)
 Fairchild, D. (d)
Parsley family *Umbelliferae*
 Abbot (c)
Parsnip, Golden meadow
Zizia aurea
 Britton
 Gray, A.
 Showalter (g)
Pear, Prickly, Tuna *Opuntia*
 Britton
 Gray, A.
 Johnson, F. E. (b)
 Kerbey, M. (c)
 Lee, W. T. (b)
 McDougal
 Popenoe
 Schumann
Pepper-grass *Lepidium apetalum*
 Palmer, E. L. (a)
Peppermint *Mentha piperita*
 Abbot (c)
 Britton
 Chater, M. (c)
 Gray, A.
Picapica
 Sultan
Pickereelweed *Pontederia cordata*
 Britton
 Coulter, J. M. (b)
 Gray, A.
 Harper, F.
 See also Flowers
Pigweed *Amaranthus*
 Abbot (c)
 Coulter
 Palmer
Pitcherplant *Sarracenia*
 Abbot (c)
 Britton
 Coulter, J. G.
 Coulter, J. M. (a b)
 Coulter, M. C.
 Durand, H.
 Gager
 Gray, A.
 Harper, F.
 Hildebrand (d)
 Mjoberg ch. 22
 Showalter (g)
 Tate, G H H
Plant names
 Bailey, L. H.
Plantain *Plantago* or *Musa paradisaca*
 Abbot (c)
 Britton
 Coulter, J. G.
 Gager
 Gray
 Mathews (b)
 Shantz
Pogonia, Rose *Pogonia ophioglossoides*
 Gray, A.
 Showalter (g)
Poison-ivy
 See Flowers
Pondweed *Potamogeton*
 Abbot (c)
 Coulter, J. M. (b)
Poppy-mallow, Low *Callirhoe involucrata*
 Britton
 Gray, A.
 Showalter (g)
Prinsepia *Prinsepia*
 Rock, J. F. (b)
Privet or Fringe-tree *Chionanthus virginica*
 Peterson, M. G.
 Walton, G. L.
 See also Ligustrum vulgare
Queen Anne's lace (Wild carrot) *Daucus carota*
 Palmer
Ragweed *Ambrosia*
 Abbot (c)
 Palmer, E. L. (a)
 See also Flowers
Rhododendron *Rhododendron*
 Barnes, A. H.
 Borah
 Bush-Brown
 Chater, M. (h)
 Coulter, M. C.
 Durand, H.
 Eaton (d)
 Gager
 Gray, A.
 Grosvenor, G. (a)
 Hall, C.
 Mathews (b)
 Mecking
 Mjoberg ch. 21
 Rock, J. F. (b d e)
 Roy, L. C. (a b)
 Scidmore (b)
 Showalter (g)
 Walton, G. L.
 Ward, F. K.
Rhododendron, California
Rhododendron californicum
 Hildebrand (d)
 Showalter (g)
Rice
 See Vegetables
Rockweed
 Koelz
Rosemary *Rosmarinus officinalis*
 Britton
 Mecking
 Wright, H. D.
Rubber-plant *Euphorbia intensy*
 Swingle
 See also Trees
Rudbeckia *Rudbeckia*
 Keeler (b)
 See also Sunflower
Rush *Juncus*
 Britton
 Gray, A.
 LaGorce (b)
Sage *Salvia*
 Britton
 Gray, A.
 Simpich (c)
Sagebrush *Artemisia tridentata*
 Borah
 Britton
 Coulter, J. M. (b)
 Coulter, M. C.
 Grosvenor, G. (a)
 Johnson, F. E. (a)
 Limbert
 Mendenhall
 Quinn
 Simpich (c)
 Whitaker

- Saguaro** *Carnegiea gigantea*
Darton, N. H. (b)
See also Trees
- St. John's wort** Common
Hypericum perforatum
Britton
Gray, A.
Quinn
Showalter (g)
Wollaston
- Sand-plants**
Abbe
Elliot, G. F. S. (b)
- Sea-weed**
Abbe
Abbot (c)
Coulter, J. G.
Mecking
Smith, H. M. (h)
- Sedge** *Carex*
Abbe
Abbot (c)
Quinn
- Shadbush** *Amelanchier*
Britton
Bush-Brown
Eaton (e)
Emerson, F. M.
Gray, A.
- Silphium** *Silphium*
Adams, H. C. (c)
Gray, A.
- Silver-sword** *Argyroxiphium sandwicense*
Hitchcock
- Sisal** *Agave fourcroydes*;
Agave silalava
LaGorce (b)
Morley, S. G.
Shay, F.
- Smilax** *Smilax*
Castle, R. L.
Coulter, J. G.
Coulter, J. M. (b)
Gager
Peterson, M. G.
- Snow-on-the-mountain** *Di-
chrophyllum marginatum*
Quinn
Showalter (g)
- Soapweed**
Lee, W. T. (b)
- Sorrel**
See Flowers
- Sotol** *Dasylirion wheeleri*
Lee, W. T. (b)
- Spanish bayonet** *Yucca trecu-
leana*
Gray, A.
Kerby, M. (c)
Lee, W. T.
See also Yucca
- Spanish dagger** *Yucca aloi-
folia*
Lee, W. T. (b)
- Spanish needle** *Bidens bipin-
nata*
Quinn
- Spicebush** *Benzois aestivale*
Britton
Bush-Brown
Dorrance
Durand, H.
Eaton (e)
Gray, A.
Peterson, M. G.
- Spring beauty, Virginia Clay-
tonia virginica**
Gray, A.
Showalter (g)
- Sticktight** *Bidens*
Coulter, J. G.
Gager
Quinn
Walton, G. L.
See also Flowers; Beg-
gar-ticks
- Sugar-cane** *Saccharum offici-
narum*
Blodget ch. 14
Brandes
Castle, W. R.
Chase, A.
Coulter, J. G.
Coulter, M. C.
Dennis, A. P. (a)
Fairchild, D. (e)
Graves, R. A. (b)
Grosvenor, G. (b)
LaGorce (cd)
Showalter (e)
Simpich (l)
Tisdell
- Sumac, Poison** *Toxicodendron
vernix*
Gray, A.
Showalter (g)
Walton, G. L.
See also Trees
- Sundew** *Drosera*
Abbot (c)
Britton
Coulter, J. M. (b)
Crampton
Geiser, K. F.
Gray, A.
Walton, G. L.
- Swallow-wort, Black** *Cynan-
chum nigrum*
Britton
Showalter (g)
- Syringa**
See Flowers
- Tamarisk** *Tamarix*
Huntington, E. (c)
Lattimore, O.
- Tea** *Thea sinensis*
Britton
Dorrance
Mjoberg ch. 29
Moore, W. R. (a)
Quinn
Winton
- Teasel** *Dipsacus*
Showalter (b)
- Thistle** *Carduus*
Britton
Coulter, J. M. (b)
Coulter, M. C.
Elliot, G. F. S. (b)
Gray, A.
Quinn
Simpich (c)
- Thorn, Longspine** *Crataegus
succulenta*
Eaton (e)
- Thorn-bush**
Bingham, H. (c)
Britton
Coulter, J. M. (b)
Gray, A.
- Thyme** *Thymus*
Britton
Coulter, M. C.
Dorrance
Gray, A.
Wright, H. P.
- Toadstool**
Coulter, J. G.
Coulter, J. M. (b)
Coulter, M. C.
- Tobacco** *Nicotiana tabacum*
Britton
Chater, M. (h)
Coulter, J. G.
Coulter, J. M. (b c)
Coulter, M. C.
Fernsworth
Gray, A.
Johnston, E. S.
LaGorce (d)
Mjoberg ch. 26
Moore, W. R. (a)
Patric, J. (a)
Quinn
Showalter (de)
Van Der Meulen
Williams, M. O. (b)
Winton
- Tree lily** *Yucca elata*
Lee, W. T. (b)
- Tulip**
See Flowers
- Tumbleweed** *Amaranthus*
Abbot (c)
Coulter, J. M. (a b)
Quinn
- Venus' flytrap**
See Flowers; Flytrap
- Water-storing plant** *Ibervillea*
Britton
Nelson, E. W. (c)
See also Cactus
- Water-vine**
Sands
- Willow** *Salix*
Griggs, R. F. (a)
Mixer, G.
See also Trees

- Willow, Arctic** *Salix polaris* **Witch-hazel** *Hamamelis vir-*
 Chandler, D. (b) *giniana* **Yellowroot** *Zanthorhiza api-*
See also Trees Britton *ifolia*; *Hydrastis cana-*
densis
Willow, Pussy *Salix discolor* Eaton (a) Britton
 Showalter (g) Gager Durand, H.
Willow herb *Epilobium an-* Gray, A.
gustifolium Keeler (b) Peterson, M. G.
 Britton *See also* Flowers
 Bryce, J. (b) **Yucca, Spanish bayonet**
 Gray, A. *Yucca*
 Mecking **Withe-rod** *Viburnum cassi-*
noides Bernheimer
 Showalter (g) Darton, N. H. (c)
Wintergreen *Gaultheria pro-* Gray, A.
cumbens Johnston, H. H. (1)
 Britton Lee, W. T. (b)
 Durand, H. MacDougal
 Eaton (e) Nelson, E. W. (c)
 Gray, A. Simpich (h)
 Mathews (b) *See also* Trees
 Peterson, M. G.
 Walton, G. L.
- Wood Sorrel**
See Sorrel; Flowers
- Xerophytes**
 Hitchcock
 MacDougal (a b)
See also Desert Plants

Section 9. Division 3. FLOWERS

This division was not represented in the first edition of the *Natural History Index-Guide*. The only division representing the section of botany in that edition was trees.

In the development of the three divisions in plants, flowers and trees, collaboration was received, especially in the proper use of Latin names and classifications from Mr. Ellsworth P. Killip, curator, author, botanical authority and plant life explorer in Andean tropical jungles, also member of the scientific staff of the U.S. National Museum.

See also Plant Bibliography for additional authorities on flowers. See Bibliography, Section 15, for complete entries for titles, etc.

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FLOWERS

- Abronia, Pink** *Abronia umbellata*
Britton
Clements, E. S.
- Abronia, Yellow** *Abronia latifolia*
Clements, E. S.
- Ageratum**
Albaugh
Bush-Brown
- Agoseris** *Agoseris retrorsa*
Britton
Clements, E. S.
- Air-plants**
See Plants
- Alfalfa**
See Plants
- Allamanda** *Allamanda*
Johnston, H. H. (1)
- Althaea** *Althaea*
Bush-Brown
Ely (a)
- Amaranth, Common** *Amaranthus hybridus*
Eaton (d)
Gray, A
- Anemone** *Anemone quinquefolia*
Albaugh
Barnes, A. H.
Britton
Bush-Brown
Coulter, M. C.
Durand, H.
Gray, A.
Mecking
Parker, M. P.
Quinn
Simpich (k)
Walton, G. L.
- Apple blossom** *Malus sylvestris*
Grosvenor, G. (a)
- Arbutus** *Epigaea repens*
Coulter, M. C.
Durand, H.
Eaton (a)
Gray, A.
Mathews (b)
Schantz
Walton, G. L.
- Arnica** *Arnica*
Britton
Clements, E. S.
Gray, A.
McMillan, D. B. (a)
Roy, L. C. (b)
- Arrowhead, Broad-leaved** *Sagittaria latifolia*
Abbot (c)
Eaton (a)
Gray, A.
Mathews (b)
Walton, G. L.
- Arrowroot** *Maranta*
Abbot (c)
Sadler
Winton
- Asparagus fern**
Frye
- Aster** *Aster*
Albaugh
Britton
Bush-Brown
Castle, R. L.
Clements, E. S.
Coulter, M. C.
Durand, H.
Eaton (b c)
Ely (a)
Fullerton
Gray, A.
Keeler (b)
Parker, M. P.
Roy, L. C. (b)
Walton, G. L.
Ward, F. K.
- Aster, Woolly** *Corethrogyne filaginifolia*
Clements, E. S.
- Attar of roses**
Williams, M. O. (1)
- Avens** *Geum*
Britton
Clements, E. S.
Eaton (c)
- Avens, Yellow** *Geum macrophyllum*
Clements, E. S.
Gray, A.
- Azalea** *Azalea*
Britton
Bush-Brown
Chater, M. (h)
Clements, E. S.
Coulter, M. C.
Durand, H.
Eaton (d)
Graves, R. A. (b)
Gray, A.
Kirjassoff
LaGorce (c)
Schmeckebier
Showalter (b)
Walton, G. L.
- Azalea, Flame** *Azalea calendulacea*
Durand, H.
Eaton (d)
- Azalea, Western** *Rhododendron occidentale*
Adams, H. C. (h)
Clements, E. S.
- Baeria** *Baeria chrysostoma*
Clements, E. S.
- Basket-grass**
Barnes, A. H.
- Beard-tongue, Bushy** *Pentstemon antirrhinoides*
Clements, E. S.
Gray, A.
- Beechdrops** *Leptamnium virginianum*
Britton
Eaton (d)
Gray, A.
- Beggar-ticks** *Bidens frondosa*
Britton
Coulter, J. M. (b)
Eaton (d)
Gray, A.
Keeler (b)
Quinn
Walton, G. I..
- Begonia** *Begonia*
Abbot (c)
Adams, H. C. (c)
Albaugh
Chandler, D. (a)
Clark, L.
Coulter, J. G.
Coulter, J. M. (a b)
Fullerton
LaGorce (c)
Mjoberg ch 21
- Belladonna** *Atropa belladonna*
Quinn
See also Nightshade
- Bellflower** *Campanula*
Coulter, J. M. (b)
Walton, G. L.
- Bells, Whispering** *Emmenanthe penduliflora*
Clements, E. S.
- Bergamot, Wild** *Monarda*
Britton
Eaton (c)
Gray, A.
Walton, G. L.
- Betony** *Stachys officinalis*
Britton
Gray, A.
Quinn
Smith, H. M. (g)
- Bindweed** *Convolvulus*
Britton
Clements, E. S.
Eaton (a)
Gray, A.
Mathews (b)
Showalter (g)
Simpich (c)
Walton, G. L.
Winton
- Black-eyed Susan** *Rudbeckia hirta*
Britton
Durand, H.
Eaton (a)
Keeler (b)
La Gorce (b)
- Bladderpod** *Isomeris arborea*;
Lesquerella
Britton
Clements, E. S.
Clements, F. E.
Gray, A.

- Bladderwort, Zigzag** *Utricularia macrorhiza*; *U. subulata*
 Abbot (c)
 Britton
 Coulter, J. M. (b)
 Eaton (d)
 Gray, A.
 Walton, G. L.
See also Plants
- Blazing star** *Laciniaria scariosa*
 Keeler (b)
 Walton, G. L.
- Bleeding heart**
 Wynd
- Bluebell** *Campanula rotundifolia*
 Abbot (c)
 Britton
 Clements, E. S.
 Coulter, J. G.
 Dorrance
 Durand, H.
 Eaton (c)
 Koelz
 Walton, G. L.
 Wilkins (c)
- Blueberry** *Vaccinium*
 Britton
 Clements, E. S.
 Gray, A.
 Walton, G. L.
See also Fruits
- Blueberry, Box** *Vaccinium ovatum*
 Clements, E. S.
- Blueblossom** *Ceanothus thrysiflorus*
 Clements, E. S.
- Bluebonnet** *Lupinus affinis*
 Clements, E. S.
 Grosvenor, G. (a)
 Kerbey, M. (c)
 Simpich (c)
- Blue-eyes, Baby** *Nemophila menziesii*
 Clements, E. S.
- Bluets** *Houstonia caerulea*
 Britton
 Durand, H.
 Eaton (d)
 Mathews (b)
 Walton, G. L.
- Boneset, Spotted or Spotted Joe-pye weed** *Eupatorium maculatum*
 Britton
 Durand, H.
 Eaton (b)
 Gray, A.
 Walton, G. L.
- Bougainvillea** *Bougainvillea*
 Abbot (c)
 Adams, H. C. (c)
 Corey, H. (b)
 Elliot, G. F. S.
 Hall, C.
 Higgins
- Kerbey, M. (c)
 La Gorce (d)
 Marston, J.
- Brodiaea, Blue** *Brodiaea capitata*
 Clements, E. S.
 Simpich (c)
- Brodiaea, Golden** *Brodiaea xiioides*
 Clements, E. S.
- Bromelia** *Bromelia*
 Anthony, H. E. (c)
 Gray, A.
- Broom, Scotch** *Cytisus scoparius*
 Hall, C.
- Buckthorn, Glossy** *Rhamnus frangula*
 Britton
 Eaton (d)
 Gray, A.
See also Plants, Trees
- Buckwheat, Wild** *Eriogonum fasciculatum*; *Fagopyrum esculentum*
 Britton
 Clements, E. S.
 Gray, A.
See also Vegetables
- Bugle, Scarlet** *Pentstemon centranthifolius*
 Clements, E. S.
- Butter and eggs or Yellow toad flax** *Linaria vulgaris*
 Eaton (b)
 Gray, A.
 Mathews (b)
 Walton, G. L.
- Buttercup** *Ranunculus*
 Abbot (c)
 Adams, H. C. (h)
 Britton
 Clements, E. S.
 Clements, F. E.
 Coulter, J. M. (b)
 Coulter, M. C.
 Durand, H.
 Eaton (a)
 Gray, A.
 Koelz
 Mecking
 Moore, W. R. (c)
 Simpich (c)
 Walton, G. L.
 Wynd
- Butterfly-weed** *Asclepias tuberosa*
 Durand, H.
 Eaton (b)
 Gray, A.
- Button bush** *Cephalanthus occidentalis*
 Coulter, J. G.
 Durand, H.
 Eaton (b)
 Gray, A.
 Walton, G. L.
- Calla**
See Lily, Calla
- Campanula** *Campanula*
 Bryce, J. (b)
 Walton, G. L.
- Canna** *Canna indica*
 Albaugh
 Fullerton
- Cancer root** *Orobanchaceae*
 Britton
 Clements, E. S.
 Gray, A.
- Candytuft** *Iberis*
 Bush-Brown
 Dorrance
- Cardinal flower** *Lobelia cardinalis*
 Britton
 Clements, E. S.
 Durand, H.
 Ely (a)
 Gray, A.
 Roy, L. C. (a)
 Walton, G. L.
- Carnation** *Dianthus caryophyllus*
 Castle, R. L.
 Coulter, J. M. (b c)
 Dorrance
 Gray, A.
 Grosvenor, G. (a)
- Carrot, Common** *Daucus carota*
 Britton
 Eaton (d)
 Gray, A.
 Mathews (b)
 Walton, G. L.
See also Vegetables
- Cassiope** *Cassiope*
 Gray, A.
 Roy, L. C. (b)
- Ceanothus** *Ceanothus*
 Clements, E. S.
 Gray, A.
 Walton, G. L.
- Cereus, Night-blooming**
Hylocereus
 Castle, W. R.
 Hitchcock
See also Cactus
- Charlock, or Field mustard**
Brassica arvensis
 Eaton (c)
 Gray, A.
- Checkerbloom** *Sidalcea malvaeflora*
 Clements, E. S.
 Clements, F. E.
 Showalter (g)
- Chicory** *Cichorium intybus*
 Britton
 Clements, E. S.
 Eaton (b)
 Walton, G. L.
- Chrysanthemum** *Chrysanthemum*
 Albaugh
 Bush-Brown
 Castle, R. L.

- Coulter, J. G.
Coulter, J. M. (a b)
Dorrance
Ely (a)
Fullerton
Mathews (b)
Smith, H. M. (g)
Cinquefoil, Shrubby *Potentilla fruticosa*
Britton
Clements, E. S.
Durand, H.
Gray, A.
Mecking
Walton, G. L.
Clarkia *Clarkia*
Bush-Brown
Clements, E. S.
Clarkia, Fringed *Clarkia concinna*
Clements, E. S.
Clarkia, Tall *Clarkia elegans*
Clements, E. S.
Clematis *Clematis*
Albaugh
Coulter, J. M. (b)
Coulter, M. C.
Fullerton
Mathews (b)
Quinn
Walton, G. L.
Ward, F. K.
Warwick (b)
Clover *Trifolium*
Walton, G. L.
See also Plants
Clover, Red *Trifolium pratense*
Fullerton
Gray, A.
Grosvenor, G. (a)
Cockle, Corn *Agrostemma githago*
Britton
Eaton (c)
Collinsia, Blue *Collinsia grandiflora*
Britton
Clements, E. S.
Gray, A.
Walton, G. L.
Collinsia, Pink *Collinsia bicolor*
Britton
Clements, E. S.
Columbine *Aquilegia*
Britton
Bryce, J. (b)
Clements, E. S.
Coulter, M. C.
Durand, H.
Eaton (a)
Ely (a)
Gray, A.
Grosvenor, G. (a)
Guie
Mathews (b)
Parker, M. P.
Quinn
Walton, G. L.
Columbine, Red *Aquilegia truncata*
Britton
Bush-Brown
Clements, E. S.
Clements, F. E.
Dorrance
Fullerton
Coneflower, Purple *Echinacea purpurea*
Britton
Durand, H.
Gray, A.
Roy, L. C. (a)
Showalter (g)
Copihue
Adams, H. C. (b)
Coralbells *Heuchera sanguinea*
Eaton (d)
Coreopsis *Coreopsis tinctoria*
Clements, E. S.
Gray, A.
Hall, C.
Simpich (c)
Coreopsis, Desert *Coreopsis bigelovi*
Clements, E. S.
Simpich (c)
Cornflower *Centaurea cyaneus*
Bush-Brown
Ely (a)
Finck
Corydalis *Corydalis*
Britton
Clements, E. S.
Durand, H.
Eaton (c)
Gray, A.
Ward, F. K.
Corydalis, Golden *Corydalis aurea*
Clements, E. S.
Clements, F. E.
Walton, G. L.
Cosmos *Cosmos bipinnatus*
Albaugh
Bush-Brown
Coulter, M. C.
Ely (a)
Fullerton
Cowslip *Calitha leptosepala*
Barnes, A. H.
Britton
Dorrance
Durand, H.
Gray, A.
Creamcups *Platystemon californicus*
Clements, E. S.
Clements, F. E.
Simpich (c)
Crocus *Crocus*
Albaugh
Bush-Brown
Dorrance
Ely (a)
Fullerton
Croton *Codiaeum*
Gray, A.
Johnston, H. H. (l)
Crowfoot
See Buttercup
Cucumber, Mock *Echinocystis lobata*
Eaton (d)
Gray, A.
See also Vegetable
Currant, Golden *Ribes aureum*
Clements, E. S.
See also Fruit
Currant, Wax *Ribes cereum*
Eaton (d)
Gray, A.
Cushag
Mellor, F. H.
Daffodil *Narcissus*
Britton
Bush-Brown
Castle, R. L.
Ely (a)
Fullerton
Gray, A.
Moore (i)
Wakeman
Dahlia *Dahlia*
Albaugh
Bush-Brown
Coulter, M. C.
Ely (a)
Fullerton
Daisy *Chrysanthemum leucanthemum*; *Erigeron divergens*
Britton
Clements, E. S.
Coulter, M. C.
Fullerton
Gray, A.
Grosvenor (a)
Hall, C.
Roy, L. C. (b)
Walton, G. L.
Wilkins (c)
Dandelion *Taraxacum*
Abbot (c)
Britton
Coulter, J. G.
Coulter, J. M. (a b)
Coulter, M. C.
Eaton (d)
Forbes, A.
Gray, A.
Kerbey, M. (c)
Koelz
Mathews (b)
Mecking
Quinn
Sadler
Walton, G. L.
Yeaw
Day flower, Common *Commelina communis*
Britton
Eaton (a)
Gray, A.
Walton, G. L.

- Daylily, Tawny** *Hemerocallis fulva*
Gray, A.
Showalter (g)
- Delphinium** *Delphinium*
Bush-Brown
Ely (a)
- Devilsbit** *Chamaelirium*
Eaton (d)
Gray, A.
- Dianthus** *Dianthus*
Dorrance
Fullerton
- Dicentra, Pink** *Dicentra formosa*
Bush-Brown
Clements, E. S.
Clements, F. E.
Gray, A.
Walton, G. L.
- Digitalis** *Digitalis*
Albaugh
Bush-Brown
Ely (a)
Fullerton
- Dodder, Common** *Cuscuta groenovi*
Abbot (c)
Britton
Coulter, J. G.
Coulter, J. M. (a b)
Coulter, M. C.
Eaton (c)
Gray, A.
Mathews (b)
Walton, G. L.
- Dogbane** *Apocynum androsaemifolium*
Clements, E. S.
Gray, A.
Palmer
Walton, G. L.
- Dogwood, Flowering** *Cornus florida*
Britton
Coulter, J. G.
Eaton (d)
Gray, A.
Walton, G. L.
See also Trees
- Downingia** *Downingia elegans*
Clements, E. S.
- Dutchman's breeches** *Dicentra cucullaria*
Coulter, J. G.
Eaton (d)
Gray, A.
Mathews (b)
Walton, G. L.
- Dutchman's pipe** *Aristolochia siph*
Hodge (b)
- Eardrops, Golden** *Dicentra chrysantha*
Clements, E. S.
Clements, F. E.
- Eriophyllum, Golden** *Eriophyllum confertiflorum*
Clements, E. S.
- Eriophyllum, Woolly** *Eriophyllum lanatum*
Clements, E. S.
- Erythraea** *Erythraea venusta*
Clements, E. S.
Gray, A.
- Escallonia**
Moore, W. R. (i)
- Evening star**
Emerson, F. M.
- Farewell-to-spring** *Godetia amoena*
Clements, E. S.
- Fiddle-neck** *Amsinckia intermedia*
Clements, E. S.
Simpich (c)
- Figwort** *Scrophularia*
Abbot (c)
Coulter, J. G.
Coulter, J. M. (b)
Gray, A.
Keeler (b)
Simpich (c)
- Firecracker flower** *Brodiaea coccinea*
Clements, E. S.
- Fireweed** *Epilobium angustifolium*
Abbe
Clements, E. S.
Coulter, J. G.
Coulter, J. M. (b)
Durand, H.
Gray, A.
See also Willow-herb, Great
- Fivefinger** *Potentilla*
Gray, A.
Roy, L. C. (b)
- Flag or Fleur-de-lys** *Iris*
Coulter, J. M. (b)
Fullerton
- Flag, Large blue** *Iris versicolor*
Britton
Durand, H.
Eaton (a)
- Flag, Sweet** *Acorus calamus*
Britton
Showalter (g)
- Flax** *Linum*
Britton
Clements, E. S.
Coulter, J. G.
Coulter, M. C.
Eaton (c)
Gray, A.
Moore, W. R. (c)
- Flax, Blue** *Linum perenne*
Clements, E. S.
Clements, F. E.
- Fleabane** *Erigeron salsuginosus*
Wynd
- Forget-me-not** *Myosotis*
Britton
Bush-Brown
Clements, E. S.
Coulter, J. G.
- Durand, H.**
Eaton (b)
Fullerton
Gray, A.
Walton, G. L.
- Flytrap, Venus'** *Dionaea muscipula*
Abbot (c)
Coulter, J. G.
Coulter, M. C.
Eaton (d)
Elliot, G. F. S. (b)
- Forsythia** *Forsythia*
Bush-Brown
- Four-o'clock, Wild** *Mirabilis*
Britton
Clements, E. S.
Gray, A.
- Foxglove** *Digitalis purpurea*
Bush-Brown
Fullerton
Quinn
Walton, G. L.
- Foxglove, Fernleaf** *false Auricularia pedicularia*
Britton
Eaton (c)
Ely (a)
Gray, A.
Walton, G. L.
- Frostleaf** *Glyptopleura setulosa*
Simpich (c)
- Fuchsia** *Fuchsia*
Gager
Hathaway, S.
Moore, W. R. (c 1)
- Gaillardia** *Gaillardia aristata*
Clements, E. S.
- Gardenia**
Chapin (c)
- Gayfeather or Blazing star** *Lacinaria squarrosa*
Eaton (c)
- Gentian** *Gentiana*
Britton
Bryce, J. (b)
Clements, E. S.
Durand, H.
Eaton (b c d)
Gray, A.
Keeler
Killip
Roy, L. C. (b)
Walton, G. L.
Ward, F. K.
- Gentian, Blue** *Gentiana calycosa*
Clements, E. S.
- Gentian, Rose** *Gentiana amar-ella*
Clements, E. S.
Eaton (d)
- Geranium** *Geranium*
Albaugh
Ault
Britton
Bryce, J. (b)
Clements, E. S.
Clements, F. E.
Coulter, J. G.

- Dorrance
Eaton (a)
Gray, A.
Mendenhall
Moore, W. R. (i)
Parker, M. P.
Shantz
- Geranium**, *Wild Geranium*
incisum; *G. maculatum*
Clements, E. S.
Durand, H.
Gray, A.
Hall, C.
- Gerardia**, *Purple Gerardia*
purpurea
Keeler (b)
- Gilia** *Gilia*
Clements, S. E.
Simpich (c)
- Gilia**, *Birdseye Gilia tricolor*
Clements, E. S.
- Gilia**, *Buff Gilia grandiflora*
Clements, E. S.
- Gilia**, *Feather Gilia androsacea*
Clements, E. S.
- Gilia**, *Fringed Gilia dianthoides*
Clements, E. S.
- Gilia**, *Globe Gilia capitata*
Clements, E. S.
- Gilia**, *Prickly Gilia californica*
Clements, E. S.
- Gilia**, *Scarlet Gilia aggregata*
Clements, E. S.
- Gilia**, *Yellow Gilia aurea*
Clements, E. S.
- Ginseng**
See Plants
- Glacierlily** *Erythronium parviflorum*
Clements, E. S.
- Gladioli** *Gladiolus*
Albaugh
Britton
Bush-Brown
Ely (a)
Finck
Fullerton
Gray, A.
Moses, G. H. (a)
- Godetia** *Godetia quadrivulnera*
Clements, E. S.
- Goldenclub** *Orontium aquaticum*
Britton
Eaton (d)
Gray, A.
Walton, G. L.
- Goldenglow** *Rudbeckia laciniata*
Britton
Ely (a)
Roy, L. C. (a)
- Goldenrod** *Solidago*
Britton
Clements, E. S.
Coulter, J. G.
Durand, H.
Eaton (c)
- Keeler (b)
Roy, L. C. (a)
Walton, G. L.
- Goldweed** *Verbesina encelioides*
Clements, E. S.
- Grass**
See Plants
- Groundcherry**, *Clammy Phytalis heterophylla*
Britton
Eaton (c)
Gray, A.
Walton, G. L.
- Gumweed** *Grindelia robusta*
Clements, E. S.
- Harebell** *Campanula*
Britton
Coulter, J. M. (b)
Gray, A.
Mathews (b)
Muir
Roy, L. C. (a)
Smith, H. M. (g)
Walton, G. L.
- Hawkweed**, *Orange Hieracium aurantiacum*
Britton
Eaton (d)
Gray, A.
Walton, G. L.
- Hawthorn**, *Downy Crataegus mollis*
Britton
Eaton (d)
- Heather** *Calluna vulgaris*; *Phyllodoce*
Barnes, A. H.
Britton
Clements, E. S.
Gray, A.
Mellor, F. H.
See also Plants
- Heather**, *Red Phyllodoce empetriformis*
Clements, E. S.
- Heather**, *Yellow Phyllodoce glanduliflora*
Clements, E. S.
- Heliotrope** *Heliotropium*
Dorrance
Mathews (b)
- Hepatica** *Hepatica*
Brown, R. N. R. (b)
Clark, C. U.
Coulter, M. C.
Gager
Gray, A.
Schantz
Walton, G. L.
- Hibiscus** *Hibiscus*
Adams, H. C. (c)
Beech, J.
Ely (a)
Gager
Gray, A.
Kirjassoff
Murphy, R. C.
- Scidmore (b)
Swingle
Walton, G. L.
- Holly**, *American Ilex opaca*
Eaton (a e)
See also Plants; *Trees*
- Holly**, *Mountain Nemophytus mucronata*
Walton, G. L.
- Hollyhock**
Coulter, J. G.
Fullerton
- Holms** *Gerardia Gerardia holmiana*
Eaton (d)
- Honeysuckle** *Lonicera*
Albaugh
Ariza
Britton
Bush-Brown
Clements, E. S.
Corey, H. (b)
Dorrance
Durand, H.
Gray, A.
Hodge (b)
Showalter (g)
Walton, G. L.
- Hop**, *Common Humulus lupulus*
Britton
Eaton (d)
Gray, A.
Keeler (b)
- Hummingbird-trumpet** *Zauschneria californica*
Clements, E. S.
- Hyacinth** *Hyacinthus*
Albaugh
Britton
Clark, C. U.
Ely (a)
Fullerton
Hathaway, S.
La Gorce (c)
Parker, M. P.
Shiras (h)
- Hydrangea** *Hydrangea*
Albaugh
Britton
Bush-Brown
Durand, H.
Gray, A.
Kirjassoff
- Hypochaeris** *Hypochaeris radicata*
Clements, E. S.
- Iris** *Iris versicolor*, etc.
Albaugh
Britton
Bush-Brown
Castle, R. L.
Clements, E. S.
Coulter, J. M. (b)
Dorrance
Durand, H.
Elliot, G. F. S. (b)
Ely (a)
Finck
Fullerton

Iris—*Continued*

- Gray, A.
 Quinn
 Rock, J. F. (d)
 Walton, G. L.
 Ward, F. W.
- Iris, Grass** *Sisyrinchium bellum*
 Clements, E. S.
- Iris, Rainbow** *Iris hartwegi*
 Clements, E. S.
- Jack-in-the-pulpit** *Arisaema triphyllum*
 Britton
 Coulter, J. G.
 Durand, H.
 Eaton (b)
 Gager
 Peterson, M. G.
 Walton, G. L.
- Jacob's ladder** *Polemonium*
 Boyce, J. (b)
 Bush-Brown
 Durand, H.
 Gray, A.
 Walton, G. L.
- Jaragua grass**
 Lee, T. F.
- Jasmine** *Jasminum*
 Ariza
 Clark, L.
 Ward, F. K.
- Jessamine, Carolina** *Gelsemium sempervirens*
 Britton
 Eaton (d)
 Gray, A.
See also Jasmine
- Jewel-weed or Touch-me-not** *Impatiens*
 Britton
 Coulter, J. G.
 Eaton (a)
 Gray, A.
 Quinn
 Walton, G. L.
- Jonquil** *Narcissus jonquilla*
 Bush-Brown
 Dorrance
- Kalmia, Bog** *Kalmia polifolia*
 Clements, E. S.
 Gray, A.
- Khat, Flower of Paradise**
 Moser, C. K. (a)
- Lady's slipper** *Cypripedium*
 Abbot (c)
 Clements, E. S.
 Coulter, J. G.
 Coulter, J. M. (a b)
 Durand, H.
 Eaton (a)
 Gray, A.
 Quinn
 Walton, G. L.
- Lady's slipper, Yellow** *Cypripedium parviflorum*
 Clements, E. S.
 Durand, H.

- Fullerton
 Mathews (b)
 Showalter (g)
- Lambkill or Sheep laurel** *Kalmia angustifolia*
 Britton
 Eaton (c)
 Gray, A.
- Lamb's-quarters** *Chenopodium*
 Coulter, J. G.
 Eaton (d)
 Quinn
 Walton, G. L.
- Lantana** *Lantana*
 Bryant, H. G.
 Scidmore (b)
- Larkspur** *Delphinium*
 Britton
 Clark, C. U.
 Clements, E. S.
 Fullerton
 Gray, A.
 Guie
 Mathews (b)
 Parker, M. P.
 Quinn
 Ward, F. K.
- Larkspur, Blue** *Delphinium*
 Bryce, J. (b)
 Bush-Brown
 Clements, E. S.
 Clements, F. E.
 Coulter, J. G.
- Larkspur, Scarlet or Delphinium** *Delphinium cardinale*
 Clements, E. S.
 Clements, F. E.
- Lettuce, Wild** *Lactuca*
 Clements, E. S.
 Gray, A.
 Walton, G. L.
See also Vegetables
- Lilac, Common** *Syringa vulgaris*
 Britton
 Bush-Brown
 Dorrance
 Eaton (d)
 Elliot, G. F. S. (b)
 Ely (a)
 Fairchild, D. (d)
 Finck
 Gray, A.
 Rock, J. F. (c)
 Showalter (b)
- Lily** *Lilium*
 Abbot (c)
 Albaugh
 Barnes, A. H.
 Britton
 Campbell, A. S.
 Clements, E. S.
 Coulter, J. M. (b)
 Durand, H.
 Eaton (a d)
 Ely (a)
 Fullerton
 Gray, A.
 Grosvenor, G. (a)
 Haerberle

- Harper, F.
 Kirjassoff
 Showalter (b g)
 Taft, W. H.
 Walton, G. L.
 Ward, F. K.
- Lily, Blackberry** *Gemmingia chinensis*
 Britton
 Showalter (g)
 Walton, G. L.
- Lily, Calla** *Calla palustris*
 Abbot (c)
 Coulter, J. M. (c)
 Durand, H.
 Fullerton
- Lily, Chaparral** *Lilium rubescens*
 Clements, E. S.
- Lily, Fairy** *Lilium parvum*
 Clements, E. S.
- Lily, Leopard** *Lilium pardalinum*
 Clements, E. S.
- Lily, Spider, Western** *Hymenocallis occidentalis*
 Eaton (d)
- Lily, Thimble** *Lilium bolanderi*
 Clements, E. S.
- Lily, Tiger** *Lilium humboldti*
 Clements, E. S.
- Lily, Water**
See Waterlily
- Lily, White**
 Long, E. J. (b)
- Lily, Yellow** *Lilium parryi*
 Clements, E. S.
- Lily-of-the-valley, False** *Maianthemum canadense*
 Albaugh
 Bush-Brown
 Dorrance
 Ely (a)
 Peterson, M. G.
 Quinn
- Live-forever** *Crassulaceae*
 Britton
 Clements, E. S.
 Coulter, J. M. (b)
 Gager
 Gray, A.
 Wynd
- Lobelia, Giant** *Lobelia deckenii*
 Gray, A.
 Wollaston
- Lobelia, Red** *Lobelia cardinalis*
 Abbot (c)
 Bush-Brown
 Durand, H.
 Eaton (a)
 Elliot, G. F. S. (b)
 Osgood, W. H. (f)
 Walton, G. L.
- Loco, Scarlet** *Astragalus coccineus*
 Clements, E. S.
 Simpich (c)

- Loosestrife, Bulb bearing** *Lysimachia terrestris*
Britton
Coulter, J. M. (b)
Durand, H.
Eaton (a)
Mathews (b)
- Loosestrife, Winged** *Ludwigia alata*
Abbot (c)
- Lotus**
Britton
Clements, E. S.
Coulter, J. M. (b)
Eaton (d)
Kerbey, M. (a)
King, F. H.
Walton, G. L.
- Lotus, American** *Nelumbo lutea*
Eaton (d)
- Lotus, Bush** *Lotus glaber*
Clements, E. S.
- Lotus, Hairy** *Lotus strigosus*
Clements, E. S.
- Lotus, Meadow** *Lotus oblongifolius*
Clements, E. S.
- Lotus, Velvet** *Lotus americanus*
Clements, E. S.
- Lupine** *Lupinus*
Bosson, Mrs. (a)
Britton
Bush-Brown
Chapman, F. M. (i)
Clements, E. S.
Coulter, J. G.
Coulter, M. C.
Dorrance
Durand, H.
Gray, A.
Griggs, R. F. (a)
Hildebrand (d)
Killip
Martin, G. C.
Parker, M. P.
Quinn
Schantz
Simpich (c k)
Smith, H. M. (g)
Walton, G. L.
Winton
Wynd
- Lupine, Beach** *Lupinus chamaecrispiss*
Clements, E. S.
- Lupine, Dwarf** *Lupinus nanus*
Clements, E. S.
- Lupine, Yellow** *Lupinus arboreus*
Clements, E. S.
- Madia, Showy** *Madia elegans*
Clements, E. S.
- Magnolia**
See Trees
- Maids, Red** *Calandrinia caulescens*
Clements, E. S.
- Malacothrix** *Malacothrix californica*
Clements, E. S.
- Mallow** *Malva*
Abbot (c)
Britton
Clements, E. S.
Clements, F. E.
Gray, A.
Emerson, F. M.
Walton, G. L.
- Mallow, Bush** *Malvastrum fasciculatum*
Clements, E. S.
Clements, F. E.
- Mallow, Mission** *Lavatera assurgentiflora*
Clements, E. S.
Clements, F. E.
- Manchineel** *Hippomane mancinella*
Peattie
- Manzanita** *Arctostaphylos tomentosa*
Clements, E. S.
- Marguerites**
Hathaway, S.
- Marigold, Marsh** *Calla palustris*
Britton
Coulter, M. C.
Durand, H.
Ely (a)
Fullerton
Mathews (b)
Quinn
Walton, G. L.
- Mariposa, Butterfly** *Calochortus venustus*
Clements, E. S.
- Mariposa, Lilac** *Calochortus splendens*
Clements, E. S.
Simpich (c)
- Mariposa, Yellow** *Calochortus luteus*
Clements, E. S.
See also Trees
- Mayflower**
See Arbutus
- Maypops** *Passiflora incarnata*
Eaton (d)
- Meadowbeauty, Common** *Rhexia virginica*
Eaton (d)
- Mertensia** *Mertensia sibirica*
Clements, E. S.
- Mignonette** *Reseda odorata*
Albaugh
Dorrance
Fullerton
Mathews (b)
- Milkweed** *Asclepias*
Britton
Clements, E. S.
Coulter, J. G.
Durand, H.
Eaton (c d)
Gray, A.
- Milkweed, Showy** *Asclepias speciosa*
Clements, E. S.
Coulter, J. M. (b)
Coulter, M. C.
Quinn
Walton, G. L.
- Milkwort** *Polygala*
Britton
Clements, E. S.
Clements, F. E.
Coulter, J. G.
Durand, H.
Eaton (c)
Gager
Gray, A.
Mathews (b)
Walton, G. L.
- Mimulus** *Mimulus*
Clements, E. S.
Gray, A.
Walton, G. L.
- Mimulus, Bush** *Mimulus glutinosus*
Clements, E. S.
- Mimulus, Golden** *Mimulus luteus* L.
Clements, E. S.
- Mimulus, Pink** *Mimulus lewisii*
Clements, E. S.
- Mimulus, Scarlet** *Mimulus cardinalis*
Clements, E. S.
- Mint** *Mentha*
Abbot (c)
Britton
- Mint, Wood** *Stachys bullata*
Clements, E. S.
Gray, A.
- Mist flower** *Eupatorium coelestinum*
Britton
Eaton (c)
- Moccasin flower** *Cypripedium acaule*
Coulter, J. G.
Durand, H.
Gray, A.
Grosvenor, G. (a)
- Monardella** *Monardella villosa*
Clements, E. S.
- Monkey-flower** *Mimulus*
Britton
Simpich (c k)
Walton, G. L.
Wynd
- Monkshood** *Aconitum*
Britton
Bush-Brown
Clements, E. S.
Clements, F. E.
Ely (a)
Hutchison (b)
Ward, F. K.
- Moonflower** *Calonyction aculeatum*
Coulter, J. G.

- Morning-glory** *Ipomoea*
 Abbot (c)
 Britton
 Coulter, J. G.
 Emerson, F. M.
 Fullerton
 Gray, A.
 Hodge (b)
 Kirjasoff
 Walton, G. L.
- Morningstar** *Mentzelia aurea*
 Clements, E. S.
- Mullein** *Verbascum*
 Britton
 Coulter, J. G.
 Coulter, J. M. (b)
 Eaton (a b)
 Fullerton
 Gray, A.
 Mathews (b)
 Palmer
- Mustard** *Brassica*
 Abbot (c)
 Gray, A.
 Koelz
 Quinn
 Winton
See also Plants; Vegetables
- Narcissus** *Narcissus*
 Albaugh
 Bush-Brown
 Castle, R. L.
 Dorrance
 Ely (a b)
 Fullerton
- Nasturtium** *Tropaeolum majus*
 Albaugh
 Coulter, J. G.
 Coulter, M. C.
 Finck
 Gager
 Parker, M. P.
 Quinn
- Nemophila, Climbing** *Nemophila aurita*
 Clements, E. S.
- Nettles** *Urtica*
 Abbot (c)
 Elliot, G. F. S. (b)
 Peattie
 Quinn
- Nightshade** *Solanum*
 Abbot (c)
 Britton
 Clements, E. S.
 Coulter, J. M. (b)
 Coulter, M. C.
 Eaton (a)
 Gray, A.
 Peterson, M. G.
 Quinn
 Walton, G. L.
See also Belladonna
- Nightshade, Blue** *Solanum umbelliferum*
 Clements, E. S.
- Noon-flower** *Mesembryanthemum aequilaterale*
 Clements, E. S.
- Oleander** *Nerium odorum*
 Gray, A.
 Kirjasoff
 Quinn
 Scidmore (b)
- Onion, Nodding** *Allium cernuum*
 Clements, E. S.
 Gray, A.
- Onion, Purple** *Allium fibriatum*
 Clements, E. S.
- Onion, Wild** *Allium*
 Britton
- Orange blossom** *Citrus sinensis*
 Grosvenor, G. (a)
- Orchid** *Orchidaceae*
 Abbot (c)
 Anthony, H. E. (c)
 Britton
 Clark, L.
 Clements, E. S.
 Coulter, J. G.
 Coulter, J. M. (a b)
 Coulter, M. C.
 Eaton (c)
 Elliot, G. F. S. (b)
 Fairchild, D. (a)
 Gill, Mrs.
 Gray, A.
 Keeler (b)
 Lee, T. F.
 Mecking
 Mjoberg ch. 21
 Pratt, A. E.
 Roy, L. C. (a)
 Sands
 Scidmore (b)
 Wynd
- Orchid, Brook** *Epipactis gigantea*
 Clements, E. S.
- Orchis** *Orchis*
 Britton
 Durand, H.
 Gray, A.
 Walton, G. L.
- Owl flower** *Orthocarpus purpurascens*
 Clements, E. S.
- Oxalis, Pink** *Oxalis oregana*
 Clements, E. S.
 Clements, F. E.
 Coulter, J. M. (b)
 Gray, A.
 Walton, G. L.
- Oxalis, Yellow** *Oxalis corniculata*
 Clements, E. S.
 Clements, F. E.
- Ox-eye** *Heliopsis*
 Keeler (b)
See also Sunflower
- Paintbrush** *Castilleja*
 Barnes, A. H.
 Clements, E. S.
 Eaton (d)
 Grosvenor, G. (a)
 Quinn
 Roy, L. C. (b)
 Simpich (c k)
 Wynd
- Paintbrush, Scarlet** *Castilleja miniata*
 Clements, E. S.
- Pansy** *Viola tricolor*
 Albaugh
 Britton
 Ely (a b)
 Finck
 Fullerton
 Hall, C.
- Parsley, Wild** *Petroselinum; Zizia*
 Abbot (c)
 Britton
 Clements, E. S.
 Dorrance
 Gray, A.
 Koelz
See also Vegetables
- Pasque flower** *Pulsatilla patens*
 Grosvenor, G. (a)
- Passion flower** *Passiflora*
 Abbot (c)
 Britton
 Gray, A.
 Hodge
 Quinn
 Roy, L. C. (a)
- Pea, Beach** *Lathyrus maritimus*
 Eaton (c)
 Walton, G. L.
- Pea, Chaparral** *Pickeringia montana*
 Clements, E. S.
- Pea, Partridge** *Chamaecrista fasciculata*
 Britton
 Eaton (d)
 Gray, A.
- Pea, Sweet**
See Sweetpea
- Pea, Wild**
 Abbot (c)
 Keeler (b)
- Peach blossom** *Amygdalus persica*
 Grosvenor, G. (a)
- Pedicularis** *Pedicularis ornithorhyncha*
 Clements, E. S.
 Gray, A.
- Pentachaeta** *Pentachaeta aurea*
 Clements, E. S.

- Pentstemon** *Pentstemon*
 Bush-Brown
 Clements, E. S.
 Eaton (c)
 Gray, A.
 Showalter (g)
 Walton, G. L.
- Pentstemon, Climbing** *Pentstemon cordifolius*
 Clements, E. S.
- Pentstemon, Clustered** *Pentstemon confertus*
 Clements, E. S.
- Peony** *Paeonia*
 Albaugh
 Bush-Brown
 Castle, R. L.
 Coulter, J. G.
 Coulter, J. M. (b)
 Coulter, M. C.
 Dorrance
 Ely (a)
 Finck
 Gager
 Rock, J. F. (c)
 Ward, F. K.
- Petunia** *Petunia*
 Albaugh
 Bush-Brown
 Dorrance
 Fullerton
- Phacelia, Bee** *Phacelia grandiflora*
 Clements, E. S.
 Simpich (c)
- Phacelia, Bell** *Phacelia whittallii*
 Clements, E. S.
 Gray, A.
- Phacelia, Cup** *Phacelia parryi*
 Clements, E. S.
- Phacelia, Tansy** *Phacelia distans*
 Clements, E. S.
- Phlox, Mountain** *Phlox*
 Abbot (c)
 Albaugh
 Britton
 Bush-Brown
 Clements, E. S.
 Coulter, J. M. (b)
 Dorrance
 Durand, H.
 Ely (a)
 Finck
 Fullerton
 Gray, A.
 Schantz
 Walton, G. L.
- Phlox, Sweet William** *Phlox maculata*
 Clark, C. U.
 Showalter (g)
- Pickereelweed** *Pontederia cordata*
 Durand, H.
 Eaton (c)
 Gray, A.
 Walton, G. L.
- Pimpernel** *Anagallis*
 Britton
 Walton, G. L.
- Pimpernel, Scarlet** *Anagallis arvensis*
 Clements, E. S.
 Gray, A.
- Pincushions** *Chaenactis glabriuscula*
 Clements, E. S.
- Pinesap** *Hypopitys insignata*
 Eaton (d)
 Walton, G. L.
- Pink** *Silene*
 Bosson, Mrs. (a)
 Britton
 Clements, E. S.
 Coulter, M. C.
 Dorrance
 Durand, H.
 Eaton (a)
 Ely (a)
 Gray, A.
 Hutchison (b)
 Koelz
 Walton, G. L.
- Pink, Indian** *Silene*
 Britton
 Clements, E. S.
 Walton, G. L.
- Pink-plumes** *Geum triflorum*
 Clements, E. S.
- Plantain** *Plantago*
 Eaton (c d)
 Fullerton
- Plum, Wild yellow or Red** *Prunus americana*
 Eaton (b)
 Gray, A.
 See also Fruits
- Poinsettia** *Poinsettia*
 Adams, H. C. (c)
 Gager
 Johnston, H. H. (l)
- Poison-ivy, Three-leaved** *Toxicodendron radicans*
 Abbot (c)
 Coulter, J. G.
 Eaton (b)
 Gray, A.
 Peattie
 Peterson, M. G.
 Walton, G. L.
 See also Plants
- Pokeweed** *Phytolacca americana*
 Britton
 Eaton (c)
 Gray, A.
 Peterson, M. G.
 Walton, G. L.
- Polemonium, Alpine** *Polemonium confertum*
 Clements, E. S.
 Gray, A.
 Walton, G. L.
- Polemonium, Creeping** *Polemonium reptans*
 Showalter (g)
- Polemonium, Dwarf** *Polemonium humile*
 Clements, E. S.
- Polygala, Fringed** *Polygala paucifolia*
 Eaton (d)
- Pondweed, Nuttall's** *Potamogeton ephedrus*
 Britton
 Coulter, J. M. (b)
 Eaton (d)
- Poppy** *Papaver somniferum*
 Albaugh
 Britton
 Bush-Brown
 Campbell, A. S.
 Chamberlin, R. T.
 Clements, E. S.
 Dorrance
 Drew
 Eaton (c)
 Ely (a)
 Finck
 Fullerton
 Gray, A.
 Grosvenor, G. (a)
 Hall, C.
 Hutchison (b)
 Mecking
 Quinn
 Rock, J. F. (c)
 Simpich (c k)
 Smith, H. M. (g)
 Ward, F. K.
 Wilkins
 Williams, M. O. (c)
- Poppy, Bush** *Dendromecon rigidum*
 Clements, E. S.
 Clements, F. E.
- Poppy, California** *Eschscholtzia californica*
 Clements, E. S.
 Clements, F. E.
 Coulter, J. G.
 Finck
 Simpich (c)
- Poppy, Iceland** *Papaver nudicaule*
 Forbes, A.
 MacMillan, D. B. (a)
- Poppy, Prickle** *Argemone mexicana*
 Britton
 Eaton (c)
- Poppy, Wild** *Papaver californicum*
 Clements, E. S.
 Clements, F. E.
 Wells, A. J.
- Potentilla** *Potentilla*
 Clements, E. S.
 Gray, A.
- Pricklypear, Yellow** *Opuntia engelmanni*
 Clements, E. S.
 Gray, A.
 Quinn

- Primrose** *Primula*
 Britton
 Bush-Brown
 Coulter, J. G.
 Coulter, J. M. (b)
 Dorrance
 Eaton (a)
 Gray, A.
 Hathaway, S.
 Mecking
 Palmer
 Shantz
 Simpich (c k)
 Walton, G. L.
 Wilkins (c)
- Primrose, Evening** *Pachylophus marginatus*
 Johnson, E. N.
- Prunella** *Prunella vulgaris*
 Clements, E. S.
- Pussy-ears, Yellow** *Calochortus monophyllus*
 Clements, E. S.
- Pyrola, Pale** *Pyrola minor*
 Clements, E. S.
 Gray, A.
 Walton, G. L.
- Pyrola, Pink** *Pyrola rotundifolia*
 Clements, E. S.
- Pyxie** *Pyxidanthera barbulate*
 Eaton (d)
- Radish, Wild** *Raphanus*
 Britton
 Clements, E. S.
 Clements, F. E.
 Gray, A.
 Walton, G. L.
 Winton
See also Vegetables
- Rafflesia** *Rafflesia tuan-mudae*
 Mjoberg ch. 30
- Ragweed, Great** *Ambrosia trifida*
 Britton
 Eaton (d)
 Gray, A.
 Walton, G. L.
- Rape or Yellow mustard**
 Chamberlin, R. T.
- Rattlesnake-root** *Prenanthes alba*
 Eaton (d)
 Quinn
- Rhododendron**
See Plants
- Romero** *Trichostema lanatum*
 Clements, E. S.
- Rose** *Rosa*
 Albaugh
 Britton
 Bush-Brown
 Castle, R. L.
 Coulter, J. G.
 Coulter, M. C.
 Dorrance
 Durand, H.
 Ely (a)
 Finck
- Fullerton
 Gray, A.
 Grosvenor, G. (a)
 Guie
 Koelz
 Mendenhall
 Peterson, M. G.
 Walton, G. L.
- Rose, Climbing** *Rosa setigera*
 Bush-Brown
 Durand, H.
- Rose, White**
 King, F. H.
- Rose, Wild** *Rosa*
 Clements, E. S.
 Durand, H.
 Peterson, M. G.
 Quinn
 Walton, G. L.
- Rose, Wild prairie** *Rosa blanda*
 Grosvenor, G. (a)
- Rosemallow** *Hibiscus*
 Britton
 Durand, H.
 Eaton (b c)
 Gray, A.
- Ruella, Hairy** *Ruella ciliosa*
 Eaton (d)
 Gray, A.
- Sacs, Cream** *Orthocarpus lithospermoides*
 Clements, E. S.
- Sacs, Thistle sage** *Salvia carduacea*
 Clements, E. S.
- St. John's wort** *Hypericum perforatum*
 Britton
 Clements, E. S.
 Eton (c)
 Mathews (b)
- Salal** *Gaultheria shallon*
 Clements, E. S.
- Saussurea** *Saussurea*
 Rock, J. F. (e) p. 28
- Saxifrage, Yellow** *Saxifraga hirculus*
 Britton
 Clements, E. S.
 Coulter, J. M. (b)
 Durand, H.
 Gray, A.
 Hutchison (b)
 Koelz
 Mathews (b)
 Mecking
 Roy, L. C. (b)
 Smith, H. M. (g)
 Walton, G. L.
 Ward, F. K.
 Wilkins (c)
- Sea-thrift** *Armeria vulgaris*
 Clements, E. S.
- Senecio, Bush** *Senecio douglasii*
 Clements, E. S.
- Senecio, California** *Senecio californicus*
 Clements, E. S.
- Sensitive plant** *Mimosa pudica*
 Abbot (c)
 Britton
 Coulter, J. M. (b)
 Eaton (d)
- Shootingstar** *Dodecatheon meadia*
 Britton
 Clements, E. S.
 Gray, A.
 Guie
 Showalter (g)
 Walton, G. L.
- Skull-cap** *Scutellaria*
 Britton
 Clements, E. S.
 Eaton (c)
 Gray, A.
- Skunkcabbage** *Symplocarpus foetidus*
 Eaton (d)
 Gray, A.
 Walton, G. L.
- Slipper, Fairy** *Calypto borealis*
 Clements, E. S.
- Snapdragon** *Antirrhinum majus*
 Quinn
- Snowberry** *Symphoricarpos racemosus*
 Britton
 Bush-Brown
 Clements, E. S.
 Gray, A.
- Snow-plant** *Sarcodes sanguinea*
 Clements, E. S.
- Sorrel** *Oxalis, Rumex*
 Coulter, J. G.
 Duncan
 Ely (b)
 Finck
 Fullerton
 Winton
- Sorrel, Sheep** *Rumex acetosella*
 Eaton (c)
- Sorrel, Wood** *Oxalis acetosella*
 Britton
 Durand, H.
- Sorrel, Wood, Yellow** *Xanthoxalis*
 Britton
 Gray, A.
 Showalter (g)
 Walton, G. L.
- Spear, Ithuriel's** *Brodiaea lara*
 Clements, E. S.
- Spiderflower** *Cleome spinosa*
 Britton
 Eaton (d)
 Gray, A.

- Spiderwort, Virginia** *Tradescantia virginiana*
 Britton
 Durand, H.
 Eaton (c)
 Gray, A.
- Spiraea** *Spiraea*
 Britton
 Bush-Brown
 Clements, E. S.
 Gray, A.
 Walton, G. L.
 Wynd
- Spring beauty** *Claytonia caroliniana*
 Maxon (a)
- Squaw-weed** *Senecio*
 Britton
 Gray, A.
 Smith, H. M. (g)
- Starflower** *Trientalis americana*
 Maxon (a)
- Starry blossom** *Dryas integrifolia*
 MacMillan, D. B. (a)
- Stars, Golden** *Bloemeria aurca*
 Clements, E. S.
- Steeple-bush or Hardhack** *Spiraea tomentosa*
 Eaton (c)
 Walton, G. L.
- Sun-cups** *Ocnothera bistorta*
 Clements, E. S.
- Sundew**
 See Plants
- Sundrop, Common** *Oenothera fruticosa*
 Britton
 Durand, H.
 Eaton (d)
 Walton, G. L.
- Sunflower** *Helianthus annuus* L.
 Coulter, J. G.
 Coulter, J. M. (b)
 Coulter, M. C.
 Durand, H.
 Fullerton
 Gray, A.
 Grosvenor, G. (a)
 Keeler (b)
 Quinn
 Walton, G. L.
- Sunrose** *Helianthemum scoparium*
 Clements, E. S.
- Sweet fern** *Myrica asplenifolia*
 Britton
 Durand, H.
- Sweet William** *Dianthus barbatus*
 Bush-Brown
 Coulter, J. M. (c)
 Dorrance
 Ely (a)
- Sweetpea** *Lathyrus odoratus*
 Albaugh
 Bush-Brown
- Coulter, J. G.
 Fullerton
 Gager
 Hall, C. P.
 Parker, M. P.
 Quinn
- Sweetpea, Crimson** *Lathyrus splendens*
 Clements, E. S.
- Sweetpea, Pale** *Lathyrus vestitus*
 Clements, E. S.
 Coulter, M. C.
 Dorrance
 Ely (a)
 Wells, A. J.
- Sweetshrub** *Calycanthus floridus*
 Eaton (c)
- Syringa** *Philadelphus*
 Britton
 Dorrance
 Gray, A.
 Grosvenor, G. (a)
 Williams, M. O. (c)
- Tansy or Bitter button** *Tanacetum vulgare*
 Britton
 Eaton (c)
 Gray, A.
 Walton, G. L.
- Tarweed** *Hemizonia congesta*
 Britton
 Clements, E. S.
- Tear-thumb, Arrowleaf** *Tricaulon sagittatum*
 Britton
 Eaton (d)
 Gray, A.
 Walton, G. L.
 See also Plants, Arrowleaf
- Teasel** *Dipsacus sylvestris*
 Britton
 Eaton (c)
 Gray, A.
 Palmer
- Thistle, Star** *Centaurea melitensis*
 Britton
 Clements, E. S.
 Gray, A.
 Walton, G. L.
 See also Plants
- Thistle, Western** *Carduus occidentalis*
 Clements, E. S.
 Simpich (c k)
 See also Plants
- Tickclover, Hoary** *Desmodium canescens*
 Eaton (d)
- Tidy-tips** *Layia elegans*
 Clements, E. S.
 Simpich (c)
- Touch-me-not** *Impatiens balsamina*
 Quinn
 See Lady-slipper
- Trillium (Purple)** *Trillium sessile* or *T. erectum*
 Bush-Brown
 Clements, E. S.
 Durand, H.
 Eaton (d)
 Gray, A.
 Mathews (b)
 Roy, L. C. (b)
 Schantz
 Walton, G. L.
- Trumpet vine** *Bignonia radicans*
 Coulter, J. G.
 Grosvenor, G. (a)
 Rock, J. F. (d)
- Tuberose**
 Albaugh
 Fullerton
- Tulip** *Tulipa*
 Albaugh
 Borah
 Britton
 Bush-Brown
 Dorrance
 Ely (a)
 Finck
 Fullerton
 Gager
 Mathews (b)
- Tulip tree** *Liriodendron tulipifera*
 Britton
 Eaton (d)
 See also Trees
- Twinberry, Black** *Lonicera involucrata*
 Britton
 Clements, E. S.
- Twinflower** *Linnaea borealis*
 Clements, E. S.
 Durand, H.
 Gray, A.
 Walton, G. L.
- Umbrella-wort, Heartleaf** *Allioma nictaginea*
 Britton
 Eaton (d)
- Venegasia** *Venegasia carpsoides*
 Clements, E. S.
- Verbena** *Verbena*
 Albaugh
 Britton
 Dorrance
 Fullerton
 Gray, A.
 Mathews (b)
 Palmer
 Simpich (c k)
 Walton, G. L.
- Verbena, Sand** *Abronia elliptica*
 Johnson, E. N.

- Veronica** *Veronica americana* Violet, Yellow *Viola glabella*
 Bush-Brown Clements, E. S.
 Clements, F. E.
 Moore, W. R. (i) Durand, H.
 Walton, G. L.
- Vetch** *Vicia*
 Britton
 Clements, E. S.
 Gray, A.
 Roy, L. C. (b)
 Walton, G. L.
- Violet** *Viola*
 Abbot (c)
 Britton
 Castle, R. L.
 Clements, E. S.
 Clements, F. E.
 Clark, C. U.
 Coulter, J. G.
 Coulter, J. M. (b)
 Coulter, M. C.
 Dorrance
 Durand, H.
 Finck
 Gager
 Gray, A.
 Grosvenor, G. (a)
 Parker, M. P.
 Quinn
 Schantz
 Walton, G. L.
- Violet, Dogtooth** *Erythronium americanum*
 Coulter, J. G.
 Coulter, J. M. (b)
 Mathews (b)
 Walton, G. L.
- Violet, Pansy** *Viola pedunculata*
 Clements, E. S.
 Clements, F. E.
- Violet, Purple** *Viola canina*
 Clements, E. S.
 Clements, F. E.
- Violet, White** *Viola blanda*
 Clements, E. S.
 Clements, F. E.
- Viper's bugloss** *Echium vulgare*
 Eaton (d)
 Gray, A.
 Quinn
 Walton, G. L.
- Virginia creeper** *Parthenocissus quinquefolia*
 Durand, H.
 Eaton (b)
- Wallflower, Western** *Erysimum asperum*
 Britton
 Clements, E. S.
 Clements, F. E.
 Quinn
- Waterlily** *Nymphaea*
 Abbot (c)
 Adams, H. C. (c)
 Britton
 Coulter, J. G.
 Coulter, J. M.
 Coulter, M. C.
 Eaton (b)
 Fairchild, D. (a)
 Gray, A.
 See also Lily
- Waterlily, American** *Nymphaea*
 Dorrance
 Durand, H.
 Eaton (c)
 Gager
- Waterlily, Royal** *Victoria regia*
 Fairchild, D. (a)
- Willow-herb, Great, or Fireweed** *Epilobium angustifolium*
 Britton
- Eaton (b)
 Gray, A.
 See also Fireweed
- Wistaria** *Wistaria*
 Britton
 Coulter, M. C.
 Dorrance
 Finck
 Gager
 Hitchcock
- Woodbine** *Parthenocissus quinquefolia*
 Coulter, J. G.
 Coulter, J. M. (a)
 Peterson, M. G.
 Walton, G. L.
 See also Virginia Creeper
- Woodrush, Common** *Luzula campestris*
 Britton
 Eaton (d)
 See also Wax Weed
- Wyethia** *Wyethia angustifolia*
 Clements, E. S.
- Yarrow, or Milfoil** *Achillea millefolium*
 Britton
 Eaton (b)
 Gray, A.
 Mathews (b)
 Palmer
 Walton, G. L.
- Yellowroot** *Hydrastis canadensis*
 Peterson, M. G.
 See also Plants
- Yerba Santa** *Eriodictyon tomentosum*
 Clements, E. S.
- Zinnia** *Zinnia*
 Albaugh
 Bush-Brown
 Ely (a)
 Fullerton
 Mathews (b)

Section 9. Division 4. FERNS

Closely allied to the flowering plants, ferns form a separate division and the topics or subject-headings, especially the Latin for common names, have been revised by Dr. W. R. Maxon, author, authority on ferns and Curator, Division of Plants, Smithsonian Institution.

See also Floral Bibliography for additional fern authorities.

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FERNS

- Adder's tongue** *Ophioglossum vulgatum*
Blomquist
Clute (a b)
Durand, H.
Frye
Maxon
Roberts
Small
Waters
Wynd
- Basket fern**
Hibberd
- Beard fern**
Small
- Beech fern, Broad** *Dryopteris hexagonoptera*
Clute (a b)
Woolson
- Beech fern, Common** *Dryopteris phegopteris*
Clute (a b)
Frye
Roberts
Waters
- Bird's-nest fern**
Grosvenor, G. (b)
- Bladder fern** *Cystopteris*
Clute (a)
Durand, H.
Frye
Maxon
Roberts
Waters
Woolson
- Bladder fern, Bulb-bearing** *C. bulbifera*
Clute (a)
Durand, H.
Maxon
Waters
- Bladder fern, Common** *C. fragilis*
Clute (a)
- Boston fern**
Small
- Boulder fern** *Dennstaedtia punctilobula*
Clute (a b)
Durand, H.
Woolson
- Bracken** *Pteridium latiusculum*
Blomquist
Clute
Durand, H.
Frye
Gager
Maxon
Roberts
Small
- Brake**
Blomquist
Frye
Roberts
Small
- Brittle fern**
Frye
- Bulb fern**
Blomquist
- Chain fern, Common** *Woodwardia virginica*
Clute (a)
Durand, H.
Frye
Roberts
Small
- Chain fern, Narrow-leaved** *Woodwardia areolata*
Clute (a)
- Christmas fern** *Polystichum acrostichoides*
Blomquist
Britton
Clute (a)
Durand, H.
Frye
Maxon
Waters
Woolson
- Cinnamon fern** *Osmunda cinnamomea*
Blomquist
Clute (a b)
Durand, H.
Maxon
Roberts
Small
Waters
- Cliff-brake fern** *Cryptogramma stelleri*
Blomquist
Clute (a b)
Frye
Roberts
Waters
Woolson
- Climbing fern** *Lygodium palmatum*
Blomquist
Britton
Clute (a b)
Durand, H.
Hemsley
Maxon
Roberts
Small
Waters
- Cloak fern**
Frye
- Clover fern**
Frye
- Coffee fern**
Frye
- Crested fern** *Dryopteris cristata*
Clute (a)
Waters
- Curly-grass** *Schizaea pusilla*
Clute (a b)
Maxon
Waters
- Deer fern**
Frye
- Epiphytic fern** *Platyserium*
Mjoberg p. 30
- Ferns**
Albaugh
Britton
Clute (a b)
Corey, H. (c)
Coulter, J. M. (a)
Coulter, M. C.
Gager
Hume, M.
Moore, W. R. (b)
Schmitt, W. L.
Scott, W. B. (b)
Waters
- Filmy fern**
Hemsley
Small
- Flowering fern**
Blomquist
Small
- Giant fern**
Anthony, H. E. (c)
Gill, Mrs.
Hingston (b)
- Gold fern**
Hibberd
- Goldie's fern** *Dryopteris goldiana*
Clute (a b)
Durand, H.
Woolson
- Grape fern** *Botrychium obliquum*
Clute (a b)
Frye
Roberts
Waters
- Grape fern, Little** *Botrychium simplex*
Clute
- Grass fern**
Small
- Hair-lip**
Blomquist
Clute (b)
- Halberd fern**
Small
- Hand fern** *Cheiroglossa palmata*
Maxon
Small
- Hardy fern**
Hemsley
- Hare's foot fern**
Hibberd
- Hay-scented fern** *Dennstaedtia punctilobula*
Blomquist
Roberts
Woolson
See also Boulder fern

- Holly fern**
Clute (b)
Frye
- Horsetail** *Equisetum arvense*
Britton
Coulter, J. G.
Coulter, J. M. (a)
Coulter, M. C.
Eaton, M. E. (d)
Gray, A.
Griggs, R. F. (c)
- Interrupted fern** *Osmunda claytoniana*
Blomquist
Clute (a b)
Durand, H.
Maxon
Waters
Woolson
- Kentucky filmy fern** *Trichomanes boschuanum*
Maxon
- Killarney fern** *Trichomanes radicans*
Clute
- Lace fern**
Frye
- Lady fern**
Blomquist
Clute
Frye
Roberts
Woolson
- Lady fern, Eastern** *Athyrium angustum*
Clute (a)
Durand, H.
Maxon
Waters
- Lip fern** *Cheilanthes lanosa*
Clute (a)
Frye
Waters
- Maidenhair** *Adiantum pedatum*
Blomquist
Britton
Clute (a b)
Coulter, J. G.
Durand, H.
Ely (a)
Frye
Maxon
Roberts
Small
Woolson
- Male fern** *Dryopteris filix-mas*
Britton
Durand, H.
Frye
Roberts
Waters
- Marginal fern** *Dryopteris marginalis*
Blomquist
Clute (b)
- Maxon
Roberts
Woolson
- Marsh fern** *Dryopteris thelypteris*
Clute (a b)
Durand, H.
Hibberd
Maxon
Roberts
Small
Waters
- Massachusetts fern**
Blomquist
- Moonwort**
Clute (b)
- Moss fern**
Clute (b)
- New York fern** *Dryopteris novboracensis*
Blomquist
Clute
Durand, H.
Roberts
Waters
- Oak fern** *Dryopteris lunneana*
Clute (a b)
Durand, H.
Frye
Roberts
Waters
Woolson
- Ostrich fern** *Pteris nodulosa*
Britton
Clute (a b)
Durand, H.
Frye
Roberts
Waters
Woolson
- Polypody, Common** *Polypodium vulgare*
Clute (a b)
Frye
Roberts
Woolson
- Quillwort**
Blomquist
Frye
Small
- Rattlesnake fern** *Botrychium virginianum*
Blomquist
Clute (a b)
Durand, H.
Frye
Maxon
Waters
- Regal fern**
Clute (b)
- Rock fern**
Clute (b)
Hemsley
Hibberd
- Royal fern** *Osmunda regalis*
Blomquist
Clute (a b)
Durand, H.
Maxon
Roberts
Small
Waters
Woolson
- Sensitive fern** *Onoclea sensibilis*
Blomquist
Britton
Clute (a b)
Durand, H.
Maxon
Roberts
Waters
- Serpent fern**
Small
- Shield fern** *Dryopteris spinulosa*
Blomquist
Clute (a b)
Frye
Small
Waters
Woolson
- Shield fern, Marginal** *Dryopteris marginalis*
Clute
Waters
Woolson
- Shoestring fern** *Vittaria lincolni*
Maxon
- Silver fern**
Hibberd
- Snake-tongue fern**
Clute (b)
- Spleenwort** *Athyrium thelypteroides*
Blomquist
Clute (a b)
Roberts
Small
Woolson
- Spleenwort, Dwarf** *Asplenium trichomanes*
Maxon
- Spleenwort, Ebony** *Asplenium platyneuron*
Clute
Waters
Woolson
- Spleenwort, Green** *Asplenium viride*
Clute
Waters
- Spleenwort, Maidenhair** *Asplenium trichomanes*
Clute
Waters
Woolson
- Spleenwort, Mountain** *Asplenium montanum*
Clute
Waters

- Stone fern**
Clute (b)
- Strap fern**
Small
- Sun fern**
Clute (b)
- Swamp fern**
Clute (b)
Frye
- Sword fern, Western** *Polystichum munitum*
Castle, W. R.
Frye
Maxon
Small
- Tree fern** *Cyathea*
Castle, W. R.
Clute (b)
Frye
Hemsley
Hibberd
Maxon
Mecklenburg (c)
Moore, W. R. (c)
Small
- Umbrella fern**
Clute (b)
- Venus'-hair or Southern**
maidenhair *Adiantum capillus-veneris*
Blomquist
Britton
Clute (b)
Maxon
Waters
- Walking fern** *Camptosorus rhizophyllus*
Blomquist
Clute (a b)
Durand, H.
Maxon, W. R.
Roberts
Small
Waters
Woolson
- Wall fern**
Clute (b)
Hibberd
Roberts
- Water fern**
Blomquist
Clute (b)
Coulter, J. G.
Coulter, J. M. (a)
Frye
- Windsor fern**
Clute (b)
- Winter brake fern** *Pellaea atropurpurea*
Clute
- Wood fern** *Dryopteris*
Clute (b)
Frye
Maxon
Waters
- Woodsia** *Woodsia*
Blomquist
Clute (b)
Roberts
Woolson
- Woodsia, Smooth** *Woodsia glabella*
Clute
Durand, H.
Frye
Waters

Section 9. Division 5. VEGETABLES

This is one of the many new divisions appearing in this edition of the *Index-Guide*. The subject-headings have been edited and the Latin terms supplied for the common names of vegetables by Dr. C. O. Erlanson, Ecologist, of the Bureau of Plant Industry, of the U.S. Department of Agriculture.

See also Bibliographies for Plants and Flowers and Fruits.

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VEGETABLES

Arracachas *Arracacia xanthorrhiza*

Popenoe

Artichoke, Jerusalem *Helianthus tuberosus*

Bennett, I.
Duncan
Durand, H.
Ely (b)
Finck
Keeler (b)
Sadler
Walton, G. L.

Asparagus *Asparagus officinalis*

Bennett, I.
Castle, R. L.
Davis, V. H.
Duncan
Ely (b)
Finck
Fullerton
Gager
Sadler
Sears, F. C.
Yeaw

Barley *Hordeum vulgare*

Abbot (c)
Chase, A.
Coulter, J. M. (c)
Coulter, M. C.
Gager
Gray, A.
Olcott, C. S.
Scriven
Winton

Beans *Phaseolus vulgaris*

Abbot (c)
Bennett, I.
Castle, R. L.
Collings, G. N.
Collingwood
Coulter, J. G.
Coulter, M. C.
Dennis, A. P. (a)
Duncan
Ely (b)
Finck
Fullerton
Gager
Giles, D. (b) ch. 3
Gray, A.
Quinn
Sears, F. C.
Winton
Yeaw

Beans, Carob *Ceratonia siliqua*

Winton

Beans, Castor *Ricinus communis*

Coulter, J. G.

Beans, Lima *Phaseolus lunatus*

Duncan
Ely (b)
Fullerton

Beans, Screw *Strombocarpa odorata*

Morris, D. J. (a)
See also Tornillo

Beans, Snap *Phaseolus vulgaris*

Duncan

Beans, Soy *Glycine hispida*

Conn (a)
Coulter, J. G.
Fullerton
Quinn
See also Soybean

Beans, String *Phaseolus vulgaris*

Duncan

Beans, Vanilla *Vanilla planifolia*

Grimshaw, B. (b)

Beans, Wax *Phaseolus vulgaris*

Duncan
Ely (b)

Beets *Beta vulgaris*

Bennett, I.
Borah
Castle, R. L.
Chater, M. (c)
Coulter, J. G.
Coulter, M. C.
Duncan
Ely (b)
Finck
Fullerton
Gray, A.
Kerbey, M. (c)
Patric, J. (b)
Simpich (k)

Broccoli *Brassica oleracea botrytis*

Castle, R. L.
Coulter, M. C.
Duncan
Ely (b)
Kerbey, M. (c)
Showalter (d)
Wilstach p. 442

Brussels sprouts *Brassica oleracea gemmifera*

Castle, R. L.
Duncan
Ely (b)
Fullerton
Yeaw

Buckwheat *Fagopyrum esculentum*

Bishop, C. W.
Castle, R. L.
Coulter, J. G.
Duncan
Gager
Sadler
Sears, F. C.
Winton

Cabbage *Brassica oleracea capitata*

Bennett, I.
Borah
Castle, R. L.
Collingwood
Conn (a)
Coulter, J. G.
Coulter, J. M. (c)
Coulter, M. C.
Davis, V. H.
Duncan
Egan, M. F. (a)
Ely (b)
Finck
Fullerton
Gager
Kerbey, M. (c)
Sears, F. C.
Showalter (d)
Yeaw

Cantaloupe *Cucumis melo*

Duncan
Ely (b)
Fullerton
Kerbey, M. (a)

Carrots *Daucus carota*

Bennett, I.
Castle, R. L.
Coulter, J. G.
Coulter, J. M. (a)
Coulter, M. C.
Davis, V. H.
Duncan
Fullerton
Gager
Gray, A.
Kerbey, M. (c)
Quinn
Simpich (k)
Wells, A. J.

Cauliflower *Brassica oleracea botrytis*

Bennett, I.
Castle, R. L.
Collingwood
Coulter, J. M. (c)
Coulter, M. C.
Darton, N. H. (a)
Davis, V. H.
Duncan
Egan, M. F. (a)
Ely (b)
Sadler
Simpich (c k)
Yeaw

Celery *Apium graveolens*

Bennett, I.
Castle, R. L.
Chater, M. (c)
Collingwood
Coulter, M. C.
Duncan
Ely (b)
Fullerton
LaGorce (c)
Yeaw

- Chicory** *Cichorium intybus*
Duncan
Ely (b)
- Chives** *Allium schoenoprasum*
Duncan
Ely (b)
Fullerton
- Chuguan** *Ullucus tuberosus*
Popenoe
- Collards** *Brassica oleracea acephala*
Duncan
Ely (b)
- Corn (Maize)** *Zea mays*
Barrett, O. W.
Bennet, I.
Bishop, C. W.
Blodget ch. 14
Chase, A.
Collings, G. N.
Collingwood
Coulter, J. M. (c)
Coulter, M. C.
Davis, V. H.
Dennis, A. P. (a)
Duncan
Ely (b)
Finck
Fullerton
Gager
Gore, J. H. (b)
Jacobi
Quinn
Sears, F. C.
Scriven
Winton
- Corn, Cuzco** *Zea mays*
Kempton
- Corn, Indian, Navajo** *Zea mays*
Kempton
- Corn, Indian, Tewa** *Zea mays*
Kempton
- Cress** *Radicula* and others
Bennett, I.
Duncan
Ely (b)
Giles, D. (b) ch. 2
- Cubias** *Tropaeolum tuberosum*
Popenoe
- Cucumber** *Cucumis sativus*
Bennett, I.
Castle, R. L.
Collingwood
Coulter, J. G.
Coulter, M. C.
Davis, V. H.
Duncan
Ely (b)
Finck
Fullerton
Quinn
Winton
Yeaw
- Dasheen** *Colocasia esculenta*
Coulter, J. M. (c)
Fairchild, D. (a)
- Eggplant** *Solanum melongena*
Bennett, I.
Collingwood
Davis, V. H.
Ely (b)
Fullerton
Quinn
Yeaw
- Endive** *Cichorium endivia*
Bennett, I.
Davis, V. H.
Duncan
Ely (b)
- Garlic** *Allium sativum*
Finck
- Gherkin** *Cucumis anguria*
Quinn
- Ginger** *Zingiber officinale*
Walton, G. L.
- Ginseng** *Panax*
Walton, G. L.
- Greens**
Finck
See also Turnip
- Horseradish** *Radicula armoracia*
Bennett, I.
Castle, R. L.
Collingwood
Coulter, M. C.
Fullerton
Yeaw
- Huapu**
Murphy, R. C. (d)
See also Polynesia
- Kale** *Brassica oleracea acephala*
Bennett, I.
Davis, V. H.
Duncan
Ely (b)
- Kohlrabi** *Brassica oleracea caulorapa*
Duncan
Ely (b)
- Kumara**
See Potato, Sweet
- Leek** *Allium porrum*
Castle, R. L.
Duncan
Ely (b)
- Lentil** *Lens esculenta*
See Beans
- Lettuce** *Lactuca sativa*
Bennett, I.
Castle, R. L.
Coulter, J. G.
Coulter, M. C.
Davis, V. H.
Duncan
Ely (b)
Finck
Fullerton
Quinn
Winton
Yeaw
- Maize**
See Corn
- Mayapple** *Podophyllum peltatum*
Coulter, J. G.
Quinn
- Melons** *Cucumis melo* [Musk-melon, cantaloupe];
Citrullus vulgaris [watermelon]
Bennett, I.
Collingwood
Coulter, M. C.
Davis, V. H.
Duncan
Ely (b)
Finck
Fullerton
Quinn
Yeaw
See also Watermelon
- Mushroom, Common,**
Meadow *Agaricus campestris*
Abbot (c)
Castle, R. L.
Conn (a)
Coulter, J. G.
Coulter, J. M. (a b)
Coulter, M. C.
Krieger
- Mustard** *Brassica*
Bennett, I.
Davis, V. H.
Duncan
Ely (b)
- Oats** *Avena sativa*
Chase, A.
Collingwood
Coulter, J. G.
Coulter, J. M. (c)
Duncan
Ely (b)
Gray, A.
Olcott, C. S.
Quinn
- Okra** *Abelmoschus esculentus*
Bennett, I.
Duncan
Ely (b)
Fullerton
Overbeck
- Onion** *Allium cepa*
Bennett, I.
Castle, R. L.
Collingwood
Coulter, J. G.
Davis, V. H.
Duncan
Ely (b)
Fullerton
Gray, A.
Guie
Kerbey, M. (a)
Wells, A. J.
Yeaw
- Oyster-plant** *Tragopogon porrifolius*
Duncan
Ely (b)

- Parsley** *Petroselinum crispum*
 Bennett, I.
 Castle, R. L.
 Davis, V. H.
 Duncan
 Ely (b)
 Fullerton
 Quinn
- Parsnip** *Pastinaca sativa*
 Castle, R. L.
 Coulter, J. G.
 Coulter, M. C.
 Davis, V. H.
 Duncan
 Durand, H.
 Ely (b)
 Gray, A.
 Guie
 Koelz
 Mathews (b)
 Yeaw
- Passion-flower** *Passiflora*
See Plants
- Peanuts** *Arachis hypogaea*
 Coulter, J. G.
 Coulter, M. C.
 Keeler (b)
- Peas** *Pisum sativum*
 Bennett, I.
 Borah
 Castle, R. L.
 Collingwood
 Conn (a)
 Coulter, J. G.
 Coulter, J. M. (c)
 Coulter, M. C.
 Davis, V. H.
 Duncan
 Ely (b)
 Finck
 Fullerton
 Gray, A.
 Quinn
 Sears, F. C.
 Winton
 Yeaw
- Peas, Cow** *Vigna sinensis*
 Sears, F. C.
 Yeaw
- Peppers (Piper)** *Capsicum*
annuum [Red pepper];
Piper nigrum [Black pepper]
 Bennett, I.
 Davis, V. H.
 Deering, M. C.
 Duncan
 Ely (b)
 Kearney (a)
 Quinn
 Winton
- Potato** *Solanum tuberosum*
 Bennett, I.
 Castle, R. L.
 Collingwood
 Coulter, J. M. (a b c)
 Davis, V. H.
 Duncan
 Ely (b)
 Finck
 Fullerton
- Olcott, C. S.
 Overbeck
 Quinn
- Potato, Sweet, "Yam"** *Ipo-*
moea batatas
 Abbot (c)
 Coulter, J. G.
 Coulter, M. C.
 Dennis, A. P. (a)
 Duncan
 Ely (b)
 Moore, W. R. (c)
 Simpich (n)
- Puff-ball, Giant** *Calvatia gi-*
gantia
 Coulter, M. C.
 Krieger
- Pumpkin** *Cucurbita pepo*
 Baker, R. W.
 Bennett, I.
 Coulter, M. C.
 Davis, V. H.
 Deering, M. C.
 Ely (b)
 Gray, A.
 Higgins
 Jacobi
 Quinn
 Sadler
- Qualquas**=*Qolqas*=*Colocasia*
antiquorum
 Dennis, A. P. (a)
- Radish** *Raphanus sativus*
 Bennett, I.
 Castle, R. L.
 Coulter, J. G.
 Coulter, M. C.
 Davis, V. H.
 Duncan
 Ely (b)
 Finck
 Fullerton
 Gray, A.
 Sadler
 Wells, A. J.
 Yeaw
- Rape** *Brassica napus*
 Quinn
 Sears, F. C.
- Rhubarb** *Rheum rhaponticum*
 Bennett, I.
 Castle, R. L.
 Collingwood
 Coulter, J. G.
 Davis, V. H.
 Duncan
 Ely (b)
 Finck
 Fullerton
 Gray, A.
 Rock, J. F. (d)
 Yeaw
- Rice** *Oryza sativa*
 Bryant, H. G.
 Castle, W. C.
 Chase, A.
 Coulter, J. G.
 Coulter, J. M. (c)
- Quinn
 Williams, M. O. (o)
 Winton
- Rice, Japanese** *Oryza sativa*
 Fairchild, D. (e)
- Rice, Wild** *Zizania aquatica*
 Abbot (c)
- Rutabagas** *Brassica campestris*
 Duncan
 Ely (b)
- Rye** *Secale cereale*
 Coulter, J. M. (c)
 Coulter, M. C.
 Duncan
 Ely (b)
 Quinn
 Scriven
 Sears, F. C.
- Salsify** *Tragopogon porrifolius*
 Bennett, I.
 Davis, V. H.
 Duncan
 Ely (b)
 Yeaw
- Soybean** *Glycine hispida*
 Coulter, J. M. (c)
 Sears, F. C.
- Spearmint** *Mentha spicata*
 Duncan
- Spinach** *Spinacia oleracea*
 Duncan
 Ely (b)
 Fullerton
 Kerbey, M. (c)
 Yeaw
- Squash** *Cucurbita maxima*
 Borah
 Collingwood
 Coulter, J. G.
 Coulter, M. C.
 Davis, V. H.
 Duncan
 Ely (b)
 Fullerton
 Sears, F. C.
 Yeaw
- Succotash**
 Duncan
 Ely (b)
- Sweetpotato** *Ipomoea batatas*
See Potato, Sweet
- Taro** *Colocasia esculenta*
 Murphy, R. C.
- Thyme** *Thymus*
 Duncan
 Ely (b)
- Tomato** *Lycopersicon esculen-*
tum
 Castle, R. L.
 Collingwood
 Coulter, M. C.
 Davis, V. H.
 Duncan
 Ely (b)
 Finck
 Fullerton
 Gray, A.
 Simpich (k)
 Winton
 Yeaw

Tomato, Tree *Cyphomandra*
betacea
Bingham, H. (e)
LaGorce (c)

Tornillo

See Beans, Screw

Turnips *Brassica rapa*

Bennett, I.
Borah
Castle, R. L.
Coulter, J. G.
Coulter, M. C.
Davis, V. H.
Duncan
Ely (b)
Fullerton
Gray, A.
Kerbey, M. (c)
Lane, F. K. (a)
Olcott, C. S.
Sadler
Sears, F. C.

Vegetarianism

Sadler

Vetch *Vicia cracca*

Finck
Fullerton
Muir
Quinn
Sears, F. C.
Winton

Water-cress *Roripa nastur-*
tium-aquaticum

Bennett, I.
Castle, R. L.
Coulter, M. C.

Watermelon *Citrullus vulgaris*

Coulter, M. C.
Davis, V. H.
Duncan
Ely (b)
Fullerton
Gray, A.
Keith-Roach

Shenon

Simpich (e)

See also Melons

Wheat *Triticum sativum*

Chase, A.
Coulter, J. M. (c)
Coulter, M. C.
Finck
Gore, J. H. (b)
Gray, A.
Harshberger
Quinn

Wheat, Durum *Triticum*
durum

Fairchild, D. (e)

Yam *Dioscorea*

Gray, A.
Simpich (b)
See also Potato, Sweet
["Yam" sometimes used
for sweetpotato, erroneously]

Section 9. Division 6. FRUITS

Fruits form a new division for the second edition and, in connection with Division 5, has received editorial treatment from Dr. C. O. Erlanson, Ecologist, Bureau of Plant Industry, of the U.S. Department of Agriculture, who has also provided the Latin for the subject-headings.

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FRUITS

- Anona** *Annona*
Fairchild, D. (e)
- Ape-ape** *Gunnera petaloides*
Grosvenor, G. (a)
- Apple** *Malus sylvestris*
Borah
Burg, A. (a)
Castle, R. L.
Chapman, F. M. (i)
Coulter, J. M. (b c)
Duncan
Ely (b)
Finck
Fraser, S.
Fullerton
Gager
Gray, A.
Kirkwood, J. E. (b)
Moses, G. H. (a)
Olson
Patric, J. (a)
Peterson, M. G.
Quinn
Sears, F. C.
Showalter (b d)
Simpich (c e)
Smith, G.
Smith, J. R.
Waugh (a b)
Whipple
Winton
See also Trees
- Apple-of-Sodom** *Solanum sodomaeum*
Quinn
- Apricot, Common** *Prunus armeniaca*
Borah
Castle, R. L.
Ely (b)
Johnson, F. E. (b)
Kearney (a)
Shenon
Simpich (c k)
Smith, J. R.
Whipple
Winton
See also Trees
- Avocado** *Persea americana*
Castle, W. R.
Coulter, J. M. (c)
Fraser, S.
Gill, Mrs.
Kirkwood, J. E. (b)
Simpich (b)
Smith, J. S.
See also Alligator pear
- Banana** *Musa paradisiaca sapientum*
Abbot (c)
Adams, H. C. (c)
Corey, H. (b)
Coulter, J. M. (b)
Critchell
Fraser, E. R.
Fraser, S.
Gill, Mrs.
- Johnson, F. E. (b)
Quinn
Simpich (b)
Smith, H. W. (a)
Whipple
Winton
- Baneberry** *Actaea*
Durand, H.
Gager
Peterson, M. G.
Walton, G. L.
- Barberry** *Berberis vulgaris*
Bush-Brown
Coulter, M. C.
Ely (a)
Fraser, S.
Moon
Peterson, M. G.
Quinn
Walton, G. L.
- Berry, Buffalo** *Shepherdia argentea*
Fraser, S.
- Berry, Coral** *Symphoricarpos orbiculatus*
Eaton (e)
- Berry, Crow** *Empetrum nigrum*
Boyd, L. A.
- Berry, Marsh** *Vaccinium oxycoccus*
Grenfell (d)
- Berry, Partridge** *Mitchella repens*
Durand, H.
Grenfell (d)
Peterson, M. G.
- Berry, Salmon** *Rubus spectabilis*
Griggs, R. F. (c)
Parker, M. P.
- Berry, Service** *Amelanchier*
Durand, H.
Guie
Peterson, M. G.
See also Shadbush
- Berry, Wax**
See Snowberry
- Bilberry** *Vaccinium*
Boyd, L. A.
Grenfell (d)
- Blackberry** *Rubus*
Coulter, J. G.
Finck
Fraser S.
Killip
Peterson, M. G.
Popenoe
Sadler
Waugh (b)
Whipple
- Blueberry** *Vaccinium myrtillus*
Bush-Brown
Duncan
Durand, H.
Eaton (e)
Ely (b)
Guie
- Hutchison (b)
Mackenzie, C. D.
Moon
Olson
Peterson, M. G.
Quinn
Sadler
Schantz
- Blueberry, Early highbush** *Vaccinium atrococcum*
Eaton (e)
Fraser, S.
- Blueberry, Highbush** *Vaccinium corymbosum*
Durand, H.
Eaton (e)
- Breadfruit** *Artocarpus*
Brandes
Fraser, S.
Gray, A.
Johnston, H. H. (1)
Langley
Mjoberg ch 24
Murphy, R. C.
Pidgion
Smith, H. W. (a)
Smith, J. R.
Vandercook
See also Trees
- Bunchberry** *Cornus canadensis*
Durand, H.
Eaton (e)
Mathews (b)
- Cacao** *Theobroma cacao*
Critchell
Gill, Mrs.
See also Trees; Food and Drink
- Carob** *Ceratonia siliqua*
Baker, R. W.
Smith, J. R.
See also Beans
- Cherry** *Prunus*
Borah
Castle, R. L.
Chater, M. (c)
Coulter, J. G.
Coulter, M. C.
Duncan
Ely (b)
Fraser, S.
Gray, A.
Olson
Patric, J. (a)
Peterson, M. G.
Quinn
Schantz
Scriven
Smith, G.
Waugh (b)
Whipple
See also Trees
- Cherry, Choke** *Prunus virginiana*
Guie
Quinn
- Cherry, Sweet** *Prunus avium*
Eaton (e)

- Cherry, Wild black** *Prunus serotina*
Eaton (e)
- Chokeberry** *Aronia melanocarpa*
Coulter, J. G.
Durand, H.
Eaton (e)
Peterson, M. G.
- Citron** *Citrus medica*
Fairchild, D. (e)
Whipple
- Cloudberry** *Rubus chamaemorus*
Grenfell (d)
Peterson, M. G.
- Coco-de-mer or Sea coconut** *Lodoicea sechellarum*
Quinn
- Coconut** *Cocos nucifera*
Corey, H. (b)
Langley
Simpich (b)
See also Trees
- Cranberry, American** *Oxycoccus macrocarpus*
Coulter, M. C.
Durand, H.
Eaton (e)
Elliot, G. F. S.
Ely (b)
Fraser, S.
Grenfell (d)
Harshberger
Mathews (b)
Olson
Peterson, M. G.
Quinn
Walton, G. L.
Waugh (b)
Whipple
- Cranberry, Highbush** *Viburnum americanum*
Eaton (e)
- Currant** *Ribes*
Bennett, I.
Castle, R. L.
Fraser, S.
Fullerton
Gray, A.
Grenfell
Harshberger
Peterson, M. G.
Quinn
Waugh (b)
Whipple
- Custard-apple** *Annona*
Mjoberg ch. 24
- Damson** *Prunus domestica*
Castle, R. L.
- Date** *Phoenix dactylifera*
Bosson, Mrs. (c)
Coulter, J. G.
Coulter, J. M. (c)
Fraser, S.
Gager
Kearney (a b)
Whipple
See also Palm tree
- Dewberry** *Rubus villosus*
Coulter, J. M. (c)
Ely (b)
Fraser, S.
- Durian** *Durio sibethinus*
Mjoberg ch. 24
Moore, W. R. (e)
- Elderberry** *Sambucus canadensis*
Chapman, F. M. (i)
Fraser, S.
Griggs, R. F.
- Fig** *Ficus carica*
Adams, H. C. (c)
Castle, L. R.
Coulter, J. M. (c)
Duncan
Ely (b)
Fraser, S.
Graves, R. S. (b)
Gray, A.
Johnson, F. E. (b)
Kearney (a)
Kennan, G. (b)
Kirkwood, J. E. (b)
Trowbridge
Whipple
Whiting (c)
Winton
See also Trees
- "Fig, Indian"** *Opuntia ficus-indica*
Costa, G.
See also Cactus
- Fig, Roxburgh's** *Ficus Roxburghii*
Fairchild, D. (b)
- Fig, Smyrna** *Ficus carica*
Chandler (c)
Fairchild, D. (d)
- Filbert** *Corylus avellana*
Castle, R. L.
- Gooseberry** *Grossularia*
Bennett, I.
Castle, R. L.
Coulter, J. G.
Duncan
Ely (b)
Fraser, S.
Gager
Grenfell
Peterson, M. G.
Waugh (b)
Whipple
- Grape** *Vitis*
Abbot (c)
Bennett, I.
Blodget ch. 14
Castle, R. R.
Coulter, J. M. (c)
Darton, N. H. (b)
Duncan
Ely (b)
Fairchild, D. (e)
Finck
Fraser, S.
Fullerton
Gray, A.
- Haeberle
Johnson, F. E. (b)
Kirkwood, J. E. (b)
Patric, J. (b)
Peterson, M. G.
Quinn
Scriven
Showalter (b)
Simpich (c)
Trowbridge
Waugh (b)
Whipple
Whiting (c)
Williams, M. O. (n)
Winton
- Grapefruit** *Citrus grandis*
Gifford, J.
Kerbey, M. (c)
La Gorce (d)
Quinn
- Guava** *Psidium guajava*
Bingham, H. (e)
Castle, W. R.
Fraser, S.
Gill, Mrs.
Grimshaw, B. (b)
Simpich (b)
Smith, J. R.
Whipple
- Guineo, Dwarf** *Musa paradisiaca sapientum*
Fraser, E. R.
- Haw, Black or Stag-bush** *Viburnum prunifolium*
Eaton (a)
See also Trees
- Huckleberry** *Gaylussacia resinosa*
Durand, H.
Chapman, F. M. (i)
Coulter, J. M. (b)
Coulter, M. C.
Duncan
Harper, F.
Quinn
Whipple
- Jackfruit** *Artocarpus integrifolia*
Scidmore (b)
- Jujube** *Ziziphus jujuba*
Fairchild, D. (d)
Fraser, S.
- June berry** *Amelanchier*
Fraser, S.
Moon
Schantz
- Lemon** *Citrus limonia*
Blayne
Corey, H. (b)
Johnson, F. E. (b)
Mendenhall
Prentice, S.
Scriven
Simpich (b c)
Smith, J. R.
Whipple

Lime *Citrus aurantifolia*

Bennett, I.
Corey, H. (b)
Coulter, J. G.
See also Trees

Loganberry *Rubus*

Finck

Loquats *Eriobotrya japonica*

Fairchild, D. (e)
Fraser, S.

Mango *Mangifera indica*

Bennett, I.
Coulter, J. M. (c)
Fraser, S.
Higgins
Mjoberg ch. 24
Simpich (b)
Smith, J. R.
Winton

See also Trees

Mangosteen *Garcinia mangostana*

Fairchild, D. (e)
Mjoberg ch. 24
Moore, W. R. (e)

Mayapple *Podophyllum*

See Vegetables

Melons *Cucumis melo*

See Vegetables

Mulberry *Morus*

Duncan
Ely (b)
Fraser, S.
Peterson, M. G.
Scriven
Smith, J. R.

See also Trees

Olives *Olea europaea*

Blaney
Clark, C. U.
Coulter, M. C.
Fraser, S.
Gray, A.
Harnden p. 436
Johnson, F. E. (a b)
Kearney (a)
Kennan, G. (b)
Kingman, J. A.
Scriven
Smith, J. R.
Trowbridge
Williams, M. O. (b)
See also Trees

Orange *Citrus*

Adams, H. C. (c)
Beech, J.
Blayney
Corney, H. (b)
Coulter, J. G.
Coulter, M. C.
Darton, N. H. (b)
Fraser, S.
Gray, A.
Haerberle
Johnson, F. E. (b)
Kennan, G. (b)
Kerbey, M. (c)
LaGorce (c)
Prentice, S.

Scriven
Simpich (b c)
Smith, J. R.
Whipple
Whiting (c)
Williams, M. O. (j)
See also Trees

Papaw *Carica papaya*

Mjoberg ch. 24
See also Papaya

Papaya *Carica papaya*

Bingham, H. (e)
Fraser, S.
Gill, Mrs.
Higgins
Howard, H.
Kerbey, M. (c)
Smith, J. R.

Pawpaw *Asimina triloba*

Finck
Fraser, S.
Peterson, M. G.
Sadler
Schantz

Peach *Amygdalus persica*

Borah
Castle, R. L.
Chater, M. (h)
Coulter, J. G.
Coulter, M. C.
Duncan
Ely (b)
Finck
Fraser, S.
Gill, Mrs.
Olson (b)
Prentice, S.
Shenon
Smith, J. R.
Waugh (b)
Whipple
Winton
See also Trees

Pear *Pyrus communis*

Burg, A. (a)
Castle, R. L.
Chapman, F. M. (i)
Coulter, J. G.
Duncan
Ely (b)
Fullerton
Gager
Gray, A.
Patric, J. (a)
Scriven
Simpich (c)
Smith, J. R.
Whipple
Winton
See also Trees

Pear, Alligator *Persea americana*

Bingham, H. (e)
See also Avocado

Peppers

See Vegetables

Persimmon *Diospyros*

Beech, J.
Coulter, J. M. (c)

Fraser, S.

See also Trees

Pineapple *Ananas sativus*

Castle, W. R.
Coulter, J. G.
Coulter, M. C.
Fraser, S.
Gray, A.
Grosvenor, G. (b)
Haerberle
Higgins
Simpich (b)
Smith, H. W. (a)
Smith, J. R.

Plantain *Musa*

Critchell

Plum *Prunus domestica*

Borah
Castle, R. L.
Durand, H.
Ely (b)
Finck
Fraser, S.
Gill, Mrs.
Gray, A.
Olson
Sears, F. C.
Waugh
Whipple
Winton
See also Trees

Pomegranate *Punica granatum*

Johnson, F. E. (b)
Kennan, G. (b)
Kirkwood, J. E. (b)
Trowbridge

Prunes *Prunus domestica*

Kennan, G. (b)
Sears, F. C.
Simpich (c)
Waugh (b)
Whipple

Quince *Cydonia*

Duncan
Ely (b)
Finck
Fullerton
Kirkwood, J. E. (b)
Sears, F. C.
Winton

Rambutan *Nephelium lappaceum*

Moore, W. R. (e)
Whipple

Raspberries *Rubus occidentalis*

Castle, R. L.
Coulter, J. G.
Coulter, J. M. (a b c)
Coulter, M. C.
Dorrance
Duncan
Durant, H.
Ely (b)
Fullerton
Grenfell (d)
Peterson, M. G.
Queen
Sadler

Raspberries—Continued

Sears, F. C.

Shenon

Walton, G. L.

Whipple

Raspberry, Purple flowering*Rubus odoratus*

Eaton (a)

Fraser, S.

"Sapote" prieto *Diospyros**ebenaster*

Collings, G. N. p. 301

Snowberry *Symphoricarpos**albus*

Durand, H.

Eaton (e)

Peterson, M. G.

Strawberry *Fragaria*

Abbot (c)

Bingham, H. (c)

Coulter, J. G.

Durand, H.

Gill, Mrs.

Graves, R. A. (b)

Gray, A.

LaGorce (c)

Olson

Parker, M. P.

Popenoe

Shenon

Simpich (e)

Smith, G.

Washburn (a)

Strawberry, Virginia or**Scarlet *Fragaria vir-******giniana***

Coulter, J. M. (b c)

Coulter, M. C.

Dorrance

Duncan

Eaton (a)

Ely (b)

Finck

Fraser, S.

Fullerton

Higgins

Peterson, M. G.

Quinn

Sadler

Sears, F. C.

Waugh (b)

Whipple

Tangerine *Citrus nobilis de-****liciosa***

Gill, Mrs.

Tapioca *Manihot esculenta**See Food***Twin or Partridge berry***Mitchella repens*

Eaton (a)

Winterberry or Black alder*Ilex verticillata*

Durand, H.

Section 9. Division 7. TREES

The subject of trees as presented in the first edition of the *Index-Guide* has been much developed. As in the instance of Divisions 2 and 3, the subject-headings have been edited by and received scientific treatment from Mr. Ellsworth P. Killip, author, curator and botanical authority, also member of the scientific staff of the U.S. National Museum.

For complete entries for titles on trees, see general bibliography, Section 15.

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Along the Andes and down the Amazon (In Brazilian forest) 1911

Here are found other entries of authors and authorities, also of travelers and observers on trees and forests, virgin and otherwise, as follows:

- | | | |
|-------------------------------|----------------------------|--------------------------------|
| **Barnard, M. R. | **Hardy, C. | Rathbone |
| Bishop, G. R. | Harrison, B. | St. John, B. |
| Bowden, J. | Hildebrand (d) | *Shelford |
| *Burt, E. W. | Hodge, H. | Shelton |
| *Butler, W. F. (b) | Hoffman | **Singer |
| Chapman, O. M. | **Holder (a) | *Southesk |
| *Cheesman (b) | **Jordan, D. S. (b) | *Sowerby (c) |
| **Demidoff (b) | Knighton | Spruce |
| **DuChaillu (c) | Lascelles | Stanford, E. E. |
| **Dutton, E. A. T. | *Markham, F. | **Stebbing (b) |
| **Eardley-Wilmot | *Maxwell, G. | Torrey (b) |
| *Fife-Cookson | Mecking | **Townsend, C. W. (d f) |
| **Filson | Murphy, J. M. (a) | Tristram (c) |
| Forbes, R. | **Nordenskiöld | **Vambery |
| Ford, W. | Nordenskjöld | *Vasse ch.4 |
| **Fountain, Paul (a—d) | Osborn, C. S. | **Wells, J. W. |
| *Fraser, D. C. | *Ossendowski (a) | Williams, L. |
| Gill, William | Packard | **Wrangell |
| **Guenther, K. | *Pinchot | Young, E. (b d) |
| | *Powell, E. A. (a) | |

TREES

- Acacia** *Mimosa acacia*
 Britton
 Browne, D. J.
 Coker
 Coulter, J. M. (b)
 Coulter, M. C.
 Elliot, G. F. S. (b)
 Gray, A.
 Hume, M.
 Keeler
 Lounsberry (a b)
 MacDougall (b)
 Mendenhall
 Rogers (a c)
 Sargent
 Shantz
- Adenium** *Adenium*
 Moses, C. K. (b)
- Ailanthus** *Ailanthus altissima*
 Britton
 Bush-Brown
 Coulter, J. M. (b)
 Gilbert
 Gray, A.
 Hough
 Lounsberry (b)
 Quinn
 Rogers (c)
- Alder** *Alnus*
 Bush-Brown
 Durand, H.
 Gray, A.
 Greeley (b)
 MacGillivray
 Mecking
 Mixer, G.
 Washburn (b)
- Alder, Black** *Ilex verticillata*
 Britton
 Eaton (e)
- Algarroba**
 Grosvenor, G. (a)
- Alligator's-tail tree, Rabo de Logarto**
 Olsson-Seffer, H.
- Almond** *Prunus amygdalus*
 Browne, D. J.
 Fairchild, D. (e)
 Gray, A.
 Prentice, S.
 Quinn
 Rogers (b c)
 Smith, J. R.
- Amata**
 Adams, H. C. (g)
- Angelica-tree** *Aralia spinosa*
 Peterson, M. G.
See also Hercules'-club
- Anatto** *Bixa orellana*
 LaGorce (b)
- Apple** *Malus sylvestris*
 ***Apgar
 Coker
 Coulter, J. M. (b)
 Coulter, M. C.
 Felt
- Flagg (b)
 Gilbert
 ***Going
 Gray, A.
 Hough
 ***McFarland
 Michaux
 Pack
 Rogers (a b c)
 Smith, J. R.
 ***Werthner
- Apricot** *Prunus armeniaca*
 Browne, D. J.
 Coulter, M. C.
- Araucaria** *Araucaria*
 Adams, H. C. (b)
 Coulter, J. M. (b)
 Elliot, G. F. S. (b)
 Hume, M.
- Arbor-vitae** *Thuja occidentalis*
 Apgar
 Coulter, J. G.
 Coulter, J. M. (b)
 Durand, H.
 Felt
 Flagg (b)
 Going
 Gray, A.
 Hough
 Keeler
 **Lounsberry (a b)
 *Michaux
 *Rogers (a b c)
- Arrow-wood** *Viburnum dentatum*
 Apgar
 Curtis, C. C.
 Durand, H.
 Eaton (e)
 Flagg (b)
 Gray, A.
 Lounsberry
 Peterson, M. G.
See also Dogwood, etc.
- Ash** *Fraxinus*
 Apgar
 Browne, D. J.
 Coker
 Coulter, J. M. (b)
 Curtis, C. C.
 Durand, H.
 Felt
 Flagg (b)
 Gilbert
 Going
 Gray, A.
 Hough
 **Lounsberry (a b)
 MacGillivray
 *Michaux
 Moon
 Pack
 Quinn
 *Rogers (a b c)
 Roy, L. C. (b)
- *Sargent
 *Werthner
- Ash, Black** *Fraxinus nigra*
 Apgar
 Barnard
 Browne, D. J.
 Hough
 *Michaux
 *Rogers (a b c)
- Ash, Blue** *Fraxinus quadrangulata*
 Apgar
 Hough
 Michaux
 Rogers (a b c)
- Ash, Mountain**
 Gager
- Ash, Red** *Fraxinus pennsylvanica*
 Apgar
 Browne, D. J.
 Coker
 Hough
 *Michaux
 *Rogers (a b c)
- Ash, White** *Fraxinus americana*
 Apgar
 Browne, D. J.
 Coker
 *Lounsberry (a b)
 *Michaux
 *Rogers (a b c)
- Aspen** *Populus*
 *Apgar
 Barnard
 Bryce, J. (b)
 Coker
 Coulter, J. G.
 Flagg (b)
 Gilbert
 Gray, A.
 Hough
 Keeler
 **Lounsberry (b)
 McFarland
 *Michaux
 Ossendowski (a)
 Pack
 Quinn
 Rogers (a b c)
 **Sargent
 Simpich (c)
 **Wrangell
- Azalea** *Azalea*
 Coulter, M. C.
 Flagg (b)
 Gray, A.
 Lounsberry (b)
- Balata or Rubber** *Mimusops*
 Hingston (b)
 Kennedy, L.
 Schurz
- Balsam poplar** *Populus balsamifera*
 Abbot (c)
 Albaugh
 **Apgar

Balsam poplar—Continued

Browne, D. J.

Coker

Coulter, J. G.

Felt

Flagg (b)

Gilbert

Gray, A.

Hough

Keeler

****Lounsberry*****Michaux*****Rogers (a b c)**

Roy, L. C. (b)

Sargent

See also Balsam; Fir**Bamboo**

Abbot (c)

Beech, J.

Bryant, H. G.

Church, J. W.

Coulter, J. M. (c)

Coulter, M. C.

Elliot, G. F. S. (b)

Fairchild, D. (d)

Gill, Mrs.

LaGorce (b)

Rhône

Rock, J. F. (f)

Schumann

Scidmore (b)

Simmons

Torday (b)

Williams, M. O. (o)

Banyan *Ficus benghalensis*

Browne, D. J.

Church, J. W.

Coulter, J. G.

Coulter, J. M. (a b)

Hitchcock

Rhône

Rogers

Scidmore (b)

Baobab *Adansonia digitata*

Haardt (c)

Hitchcock

McBride, R. Q. p. 652

Millard, R. H.

Moser, C. K. (b)

Quinn

Rogers (c)

Seamans

Shay, F.

Barberry *Berberis*

Browne, D. J.

Flagg (b)

Gray, A.

Hough

Lounsberry

See also Bayberry**Basswood *Tilia***

Abbot (c)

***Apgar**

Britton

Browne, D. J.

Coker

Coulter, J. M. (b)

Coulter, M. C.

Gray, A.

Hough

Keeler

Lounsberry (a b)**Michaux**

Moon

Pack

Quinn

Rogers (a b c)

Sargent

Schantz

Werthner

See also Linden**Bay *Persea***

Britton

Browne, D. J.

Coker

Durand, H.

***Flagg (b)**

Hough

Michaux

Rogers (c)

Sargent

Bay, Red *Persea borbonia*

Gifford, J.

Sargent

Bay, Sweet

Moon

Bean *Phaseolus*

Barnard

Gray, A.

Beech *Fagus*

Abbot (c)

***Apgar**

Baillie-Grohman (a)

Barnard

Chandler, D. (a)

Coker

Coulter, J. M. (b c)

Coulter, M. C.

Dugmore, D.

Felt

***Flagg (b)**

Gilbert

Going

Gray, A.

Hough

Keeler

***Lounsberry (a b)**

McFarland

MacKenzie, C. D.

****Michaux**

Moon

Pack

****Rogers (a b c)**

Sargent

Smith, J. R.

***Townsend, C. W. (d)**

Werthner

Williams, M. O. (k)

Beech, Blue *Carpinus caroliniana*

Apgar

Hough

Rogers (a c)

Beech, Red *Fagus grandifolia*

Michaux

Beech, Silve. *Fagus grandifolia*

Apgar

Beech, Water *Carpinus caroliniana*

Hough

Rogers (a)

Beech, White *Fagus grandifolia*

Apgar

Michaux

Benihi *Chamaecyparis formosensis*

Kirjassoff

Betel-nut or Pinang palm*Areca catheca*

Brandes

Mjoberg ch. 21

Quinn

Simpich (i)

Smith, H. W. (b)

Big trees

Abbot (c)

Grant, M.

Hitchcock

Maxon (b) p. 160

Sargent

White, J. R.

Zimmerman p. 996, 1007

See also Baobab, Cryptomeria, Douglas fir, Eucalyptus, Giant cypress, Kauri pine, Redwood, Sequoia**Big trees, California *Sequoia gigantea***

Hildebrand (d)

White, J. R.

See also Redwood**Birch *Betula***

Abbot (c)

Andrews, R. C. (h)

***Apgar**

Barnard

Browne, D. J.

Bryce, J. (b)

Chapman, O. M.

Corey, H. (c)

Coulter, J. M. (a b)

Coulter, M. C.

Durand, H.

East, B.

Felt

Gilbert

Going

Gray, A.

Greely (b)

Griggs, R. F. (a)

Hough

Hume, M.

Hutchison (b) p. 485

Koelz

****Lounsberry (a b)**

McFarland

MacGillivray

MacKenzie, C. D.

Mecking

***Michaux**

Moon

Nordenskjoeld

Olson (b)

***Ossendowski (a)**

Pack

Quinn

****Rogers (a b c)**

Sargent

- Stirling, M. W.
 Townsend, C. W. (f)
 *Wrangell
 Young, E. (b d)
Birch, Black *Betula lenta*
 Coker
 Hough
 Michaux
 Rogers (c)
Birch, Canoe *Betula papyrifera*
 Apgar
 Durand, H.
 Harshberger
 Hitchcock
 Hough
 Michaux
 Rogers (a b c)
 Townsend, C. W. (f)
Birch, Paper *Betula papyrifera*
 Durand, H.
 Sargent
Birch, Red *Betula nigra*
 Apgar
 Hough
 Keeler
 Michaux
 Rogers (a b c)
 Roy, L. C. (b)
 Townsend, C. W. (f)
Birch, White *Betula populifolia*
 Corey, H. (c)
 East, B.
 Hough
 Keeler
 McFarland
 Michaux
 Rogers (a b c)
 Townsend, C. W. (f)
Birch, Yellow *Betula lutea*
 Coker
 Hough
 Keeler
 Lounsbury (a b)
 McFarland
 Michaux
 Rogers (a b c)
 Roy, L. C. (b)
 Townsend, C. W. (f)
Bitternut *Carya cordiformis*
 Hough
 Keeler
 Rogers (a c)
 See also Hickory
Blackwood
 Gifford, J.
Bladdernut, American *Staphylea trifolia*
 Britton
 Durand, H.
 Gray, A.
 Quinn
 Showalter (g)
Bottle-tree *Sterculia rupestris*;
Adansonia madagascariensis
 Schumann
 Swingle
Bow-wood *Maclura pomifera*
 Apgar
 Browne, D. J.
 Hough
 Sargent
Box-elder *Acer negundo*
 *Apgar
 Browne, D. J.
 Coker
 Coulter, J. G.
 Coulter, J. M. (b)
 Gilbert
 Gray, A.
 Hough
 Keeler
 Moon
 Pack
 *Rogers (a b c)
Boxwood
 Gray, A.
 Grimshaw, B. (b)
 Sargent
Brazil-nut *Bertholletia excelsa*
 Cott
 Quinn
 Schurz
Breadfruit *Artocarpus communis*
 Brandes
 Church, J. W.
 Quinn
 See also Fruit
Buckeye *Aesculus*
 Abbot (c)
 *Apgar
 Britton
 Browne, D. J.
 Coker
 Coulter, M. C.
 Felt
 Gray, A.
 Hough
 Keeler
 *Lounsbury (a b)
 Pack
 Quinn
 *Rogers (b c)
 Sargent
 Werthner
Buckthorn *Rhamnus*
 Barnard
 Britton
 Browne, D. J.
 Flagg (b)
 Gray, A.
 Hough
 Lounsbury (a)
 Peterson, M. G.
 Werthner
Butternut *Juglans cinerea*
 *Apgar
 Britton
 Browne, D. J.
 Coker
 Flagg
 Gilbert
 *Going
 Gray, A.
 Hough
 Keeler
 McFarland
 *Michaux
 Moon
 Pack
 Quinn
 *Rogers (a b c)
 Smith, J. R.
 Werthner
Buttonwood *Platanus occidentalis*
 Britton
 Gray, A.
 Hough
 Keeler
 Lounsbury
 McFarland
 Michaux
 Moon
 Pack
 Rogers (b c)
 Sargent
Cabbage-tree *Sabal palmetto*
 Michaux
 Sargent
 Schmitt, W. L.
Cacao tree *Theobroma cacao*
 Abbot, C.
 Collins, G. N.
 Coulter, M. C.
 Quinn
 See also Chocolate-tree
Cactus
 See Plants
Camphor-tree *Cinnamomum camphora*
 Browne, D. J.
 Dutton
 Gifford, J.
 Kirjassoff
 Michaux
 Myoberg ch. 23
 Pack
Candle-tree *Parmentiera ceryfera*
 Scidmore (b)
Candle-tree, Altar *Idria columnaris*
 MacDougal
 Quinn
 See also Panama
Candleberry *Aleurites moluccana*
 Quinn
Carapa *Carapa*
 Fairchild, D. (a)
Cardona
 Shelton
Carob-tree *Ceratonia siliqua*
 Quinn
Cashew *Anacardium occidentale*
 Abbot (c)
 Going
 Quinn
Castor-oil tree
 See Plants
Catalpa *Catalpa bignonioides*
 *Apgar
 Britton
 Browne, D. J.

Catalpa—Continued

- Coker
Coulter, J. M. (b)
Coulter, M. C.
Flagg
Gilbert
*Going
Gray, A.
Hough
Keeler
*Lounsberry (b)
**Michaux
Moon
Quinn
**Rogers (a c)
Sargent
Werthner

Cedar Cedrus

- Apgar
Barns, A. H. p.605
Borah
Coker
Dutton
Elliot, G. F. S. (b)
Gray, A.
Greely (b)
Hough
Limbert
McFarland
MacKenzie, C. D.
*Michaux
Moon
Muir
Osgood, W. H. (f)
*Ossendowski (a)
*Rogers (a b c)
Sargent
Stanford
Torrey (b)
Wilson, J. A. (a)

Cedar, Bay

- Longley, W. H. (a)

Cedar, Deodar Cedrus deodara

- Apgar
Coker

Cedar, Desert

- Bernheimer

Cedar of Lebanon Cedrus libani

- Apgar
Hume, M.
Rogers (c)
Trowbridge
Whiting, J. D. (b)

Cedar, Port Oxford

- Dixon, C. S.
See also California; Oregon

Cedar, Red Juniperus virginiana

- Coker
Durand, H.
Gilbert
Hough
Keeler
Lounsberry
Michaux
Rogers (a b c)

Cedar, White Chamaecyparis thyoides

- Coker
Durand, H.
Hough
Keeler
Lounsberry (a b)
Michaux
Rogers (a b)

Cedar, Yellow Chamaecyparis nootkatensis

- Muir
See also Alaska

Ceiba Ceiba

- Chapman, F. M.
Lee, T. F. (h)
Long, E. J. p. 455
Sands
Stevens, A. W. (d)

Charcoal

- Olson, A. L.

Chaulmoogra Taraktogenos kurzii

- Jaffee
Moore, W. R. (e)
Rock, J. F. (f)

Cherry Prunus

- *Apgar
Browne, D. J.
Chapman, F. M. (i)
Coker
Durand, H.
Felt
Flagg (b)
Gilbert
Going
Gray, A.
Hough
**McFarland
*Michaux
Moon
*Rogers (a b c)
*Sargent
Smith, J. R.
*Townsend, C. W. (d)
Werthner

Chestnut Castanea dentata

- Abbot (c)
Adams, H. C. (b)
*Apgar
Coker
Coulter, J. M. (c)
Coulter, M. C.
Felt
*Flagg (b)
Gilbert
Going
Gray, A.
Hough
Keeler
Lounsberry
*McFarland
*Michaux
Moon
Quinn
**Rogers (a b c)
**Sargent
Wright, H. D.
Young, E. (b d)

Chestnut, European Castanea sativa

- Rogers (c)

China-tree Melia azedarach

- Apgar
Browne, D. J.
Rogers (c)

Chincona or Cinchona Cinchona

- Bryant, H. G.
Coulter, M. C.
See also Quinine

Chinquapin Castanea pumila

- *Apgar
Britton
Coker
Gray, A.
Hough
Keeler
*Lounsberry (a b)
McFarland
*Michaux
Moon
Quinn
Rogers (b c)
Smith, J. R.

Chocolate-tree

- See Cacao

Cholla

- Shelton

Cinnamon Cinnamomum zeylanicum

- Elliot, G. F. S. (b)
Gill, Mrs.
Sargent
Scidmore (b)

Cirio Idria columnaris

- Nelson, E. W. (c)
Shelton
See also Lower California

Coca Erythroxylon coca

- Means, P. A.

Cocobola

- Gifford, J.

Coconut Cocos nucifera

- Abbot (c)
Barrett, O. W.
Elliot, G. F. S. (b)
Going
LaGorce (b)
Lounsberry
McFarland
Moore, W. R. (a)
Quinn
Smith, J. R.
Thaw
Williams, M. O. (o)
See also Palm

Coffee-tree Gymnocladus dioica

- Apgar
Browne, D. J.
Coker
Curtis, C. C.
Hough
*Michaux
*Rogers (b)
Sargent
Simpich (i)
Werthner

Coffee-tree, Kentucky *Gymnocladus dioica*

Britton
Curtis, C. C.
Quinn

Cola-tree *Cola acuminata*

Quinn

Conifer
See Pine**Coral-bean** *Sophora*

Rogers (b c)

Corkwood *Quercus suber*;
Leitneria floridana

Britton
Coker
Elliot, G. F. S. (b)
Hough
Hume, M.
Lounsberry
Moore, W. R. (f) p. 434
Rogers (c)
Wright, H. D.
Young, E. (b)

Cotton-tree *Ceiba grandiflora*

Quinn

Cottonwood *Populus*

Apgar
Britton
Coker
Coulter, J. M. (a b)
Coulter, M. C.
Douglass, A. E.
Emerson
Felt

*Gilbert
Gray, A.
Hough
Keeler
Kirkwood, J. E. (b)
Kolb, E.
Lounsberry
McDougal
*McFarland
*Michaux
Moon
Pack
Quinn
Rogers (a b c)
Shantz
Shenon
Werthner

Crab-apple *Malus*

Apgar
Coker
Durant, H.
Gilbert
Gray, A.
Lounsberry
McFarland
Rogers (b)
Sargent

Cryptomeria *Cryptomeria japonica*

Patric, J. (a)
White, J. R.

Cucumber-tree *Magnolia acuminata*

Browne, D. J.
Coker
Curtis, C. C.
Gray, A.

Hough
Keeler

*Michaux
Moser, C. K. (b)
Peterson, M. G.
Rogers (b c)
*Sargent

Cypress *Cupressus*

Apgar
Ariza
Birkinbine
Coker
Corey, H. (f) p. 562
Coulter, J. M. (b)
Flagg (b)
Fountain (a)

*Gilbert
*Going
Graves, R. A. (b)
Gray, A.
Hanna, G. D.
Harper, F.
Hitchcock
Hough

*Lounsberry (b)
McFarland

*Michaux
Nelson, W. A.
Rogers (a b c)
Sargent
Simpich (c)
*Torrey (b)

Cypress, Bald (Mexico) *Taxodium mucronatum*

Rogers (c)
Stanford

Cypress, Giant

White, J. R.

Date *Phoenix dactylifera*

Gray, A.
Quinn
St. John, B.
See also Date palm

Datillio

Shelton

Dogwood *Cornus florida*

Abbot (c)
*Apgar
Barnard
Browne, D. J.
Bush-Brown
Coker
Coulter, J. G.
Durand, H.
Felt

*Flagg (b)
Gilbert
Gray, A.
Hildebrand (d)
Hough
Keeler

*Lounsberry (a b)

**McFarland
*Michaux
Rogers (b c)
*Sargent
Shantz
Smith, J. R.
Werthner

Dragon or Dragon's-blood tree *Dracaena draco*

Coulter, J. M. (b)
Fairchild, D. (b f) p. 613,
623

Moser, C. K. (b)
Rogers (c)

VanDerMeulen

See also Canary Islands

Durian
Gomes, E. H. (b)**Ebony** *Diospyros*

Abbot (c)
Gray, A.
Hough
Mjoberg ch. 21
Rogers (b c)

Elder *Sambucus*

Bush-Brown
Coker
Durand, H.
Gray, A.
Hough
Quinn

Rogers (c)

Sargent

Elephant-tree *Veatchia discolor*

Hanna, G. D.
Nelson, E. W. (c)
Swingle

Elm *Ulmus*

*Apgar
Browne, D. J.
Coker
Coulter, J. M. (a b)
Coulter, M. C.

Felt
Flagg (b)

Gager

Gilbert

Going

Gray, A.

Hough

Kennan, G. (b)

**Lounsberry (a b)

*McFarland

*Michaux

Moses, G. H. (a)

Pack

Quinn

*Rogers (a b c)

*Sargent

Werthner

Elm, Cork *Ulmus racemosa*

Apgar
Hough
Keeler
Rogers (a)

Elm, Red *Ulmus fulva*

Apgar
Barnard
Browne, D. J.
Coker
Flagg (b)
Hough
Keeler
*Lounsberry (a b)
McFarland
Michaux
Rogers (a b c)
Stevens, M. W.

- Elm, Swamp** *Ulmus*
Rogers (a)
- Elm, Wahoo** *Ulmus alata*
Apgar
Browne, D. J.
McFarland
Rogers (a c)
- Elm, White** *Ulmus americana*
Browne, D. J.
Coker
*Flagg (b)
Hough
Keeler
*Lounsberry (a b)
*Michaux
Rogers (b c)
- Eucalyptus** *Eucalyptus*
Coulter, M. C.
Darton, N. H. (b)
Gager
Gilbert
Gregory, H. E.
Harrison, B.
Hume, M.
Johnson, F. E. (a)
Moore, W. R. (c)
Popenoe
Quinn
Rogers (c)
Shippee
White, G. R.
Williams, M. O. (i)
- Euphorbia** *Euphorbia*
Coulter, J. M. (b)
Gray, A.
Moser, C. K. (b)
Sargent
Swingle
- Fern, Tree**
Coulter, J. G.
Coulter, M. C.
Elliot, G. F. S. (b)
Gregory, H. E.
Grosvenor, G. (b)
Mjoberg ch. 21
Schumann
Scidmore (b)
See also Ferns
- Fiddlewood** *Citharexylum fruticosum*
Gifford, J.
Sargent
- Fig** *Ficus*
Bosson, Mrs. (c)
Brandes
Browne, D. J.
Coulter, J. G.
Hume, M.
Johnson, F. E. (a)
Osgood, W. H. (f)
Rock, J. F. (f)
Rogers (b c)
Sargent
See also Fruit
- Fig, Giant**
Roosevelt, T. (h)
- Filbert** *Corylus*
Smith, J. R.
See also Hazlenut
- Fir** *Abies*
Apgar
Barnard
Barnes, A. H.
Coker
East, B.
Felt
Flagg (b)
Gilbert
**Going
Gray, A.
Hough
Iddings
**Lounsberry (a b)
McFarland
MacKenzie, C. D.
*Michaux
*Ossendowski (a)
Quinn
Rock, J. F. (b d e)
Rogers (b c)
Schmeckebier
Shenon
- Fir, Balsam** *Abies balsamea*
Hough
McFarland
Rock (b)
Rogers (b c)
- Fir, Blue**
Rogers (b)
- Fir, Douglas** *Pseudotsuga douglasii*
Borah
Burg, A. (a)
Dion, C. R.
Douglass, A. E.
Elliot, G. F. S. (b)
Gue
Maxon (b) p. 160
Stanford
White, J. R.
- Fir, Red** *Abies nobilis*
Rogers (b c)
- Fir, Scotch**
Villiers (a)
- Fir, Silver** *Abies venusta*
Apgar
Lounsberry
Moser, C. K. (b)
Rogers (b c)
- Fir, White** *Abies amabilis*
Apgar
Rogers (b c)
- Forests, Great or Virgin**
Abruzzi
Arkell-Hardwick
Baillie-Grohman (a)
*Baker, S. W. (e)
Barnes
*Bock (c)
Brander
Bryce, J. (b) p. 473
Butler, W. F. (b)
Chapman, O. M.
*Cheesman (b)
Deering, M. C. p. 424
***DuChailu (c)
Dugmore, D.
Dutton
**Eardley-Wilmot (a)
- Elliot, G. F. S. (b)
*Fife-Cookson
*Filson
Forbes, R.
Forsythe
Fountain, P. (a b)
Graves, H. S.
Greely (h)
Grosvenor, G. (d)
Hardy, C.
Harrison, B.
Hingston (b)
Holder (a)
Keith-Roach
Kroeher (Tropical)
McDermott
*Markham
*Maxwell
Mecking
Mjoberg ch. 21
Moon
*Morden
***Nansen
Newall, J. T.
*Nordenskiold
St Cricq
Schwatka (c)
Seabrook (c)
Torrey (b)
**Vanbery
*Vasse
Washburn
**Wells, J. W.
Whitney (c)
***Wrangell p.185, 223
Zahm
Zenzinov
See also Australia; Brazil;
Congo; Siberia
- Frankincense** *Boswellia socotrana*
Moser, C. K. (b)
- Ginkgo** *Ginkgo biloba*
Apgar
Bush-Brown
Coulter, J. M. (c)
Coulter, M. C.
Gager
Keeler
Pack
Rogers (a c)
- Greasewood**
Mendenhall
- Greenheart**
Singer
- Gum** *Nyssa*
Apgar
Coker
Gregory, H. E.
Hough
*Lounsberry (b)
*Michaux
Rogers (b c)
Sargent
- Gum, Black** *Nyssa sylvatica*
Apgar
Ariza
Coker
Eaton (e)
Harper, F.

- Michaux
Pack
Rogers (b c)
Werthner
- Gum, Red or Sweet** *Liquidambar styraciflua*
- *Apgar
Coker
Collins, G. N.
Gilbert
Going
Hough
McFarland
- *Michaux
Moon
Pack
Rogers (b c)
- Gutta-percha** *Palaquium*
Mjoberg ch. 23
- Hackberry** *Celtis*
- *Apgar
Browne, D. J.
Coker
Gray, A.
Hough
Keeler
- *Lounsberry (a b)
Pack
Rogers (a b)
- *Sargent
Shantz
Werthner
- Hamamelis**
See Witch-hazel
- Haw** *Crataegus*
- Apgar
Coker
Durand, H.
Hough
Lounsberry (a b)
Rogers (b c)
Sargent
- Hawthorn** *Crataegus*
- Apgar
Browne, D. J.
Chapman, F. M. (i)
Coulter, J. G.
Durand, H.
Flagg (b)
Gray, A.
Hough
Rogers (b c)
- Hazelnut** *Corylus*
Abbot (c)
Apgar
Durand, H.
McFarland
Quinn
See also Filbert
- Heath-tree**
Wollaston
- Heaven tree** *Ailanthus altissima*
See Ailanthus
- Hemlock** *Tsuga*
Adams, H. C. (b)
- *Apgar
Barnes, A. H.
- Chater, M. (h)
Coker
Coulter, J. M. (b)
Coulter, M. C.
Durand, H.
Felt
Flagg (b)
Gager
Gilbert
Gray, A.
Hardy
Hough
- **Keeler
- *Lounsberry (a b)
McFarland
MacKenzie, C. D.
Michaux
Muir
Rock (b)
Rogers (a b c)
Roy, L. C. (b)
Sargent
Stanford
- Hickory** *Carya*
- Abbot (c)
Apgar
Coker
Coulter, M. C.
Fairchild, D. (d) p. 74
Felt
Flagg (b)
Gray, A.
Hough
- *Keeler
- *Lounsberry (a b)
*McFarland
Michaux
Pack
Quinn
Rogers (a b c)
Sargent
Werthner
- Hickory, Bitternut** *Carya cordiformis*
- Coker
Flagg (b)
Rogers (a)
- Hickory, Nutmeg** *Carya myristicaeformis*
- Michaux
- Hickory, Pecan** *Carya pecan*
- Michaux
- Hickory, Pignut** *Carya glabra*
- Coker
Hough
McFarland
Michaux
- Hickory, Shagbark** *Carya ovata*
- Apgar
Chater, M. (h)
Coker
Gilbert
Hough
- *Lounsberry (a b)
*McFarland
Rogers (a c)
- Hickory, Shellbark** *Carya ovata*
- Apgar
- Coker
Flagg (b)
Hough
Lounsberry (a b)
McFarland
Michaux
Rogers (a c)
- *Flagg (b)
Gilbert
Gray, A.
Harper, F.
Hough
- *Keeler
- *Lounsberry (a b)
McFarland
Michaux
Rogers (c)
- Hoptree** *Ptelea trifoliata*
Coulter, J. G.
Curtis, C. C.
Durand, H.
- Hornbeam** *Carpinus caroliniana*
- Apgar
Coker
Durand, H.
Flagg (b)
Gray, A.
Hough
- *Keeler
- *Lounsberry
*Rogers (a b c)
Sargent
- Horsechestnut** *Aesculus hippocastanum*
- Abbot (c)
Britton
Browne, D. J.
Coulter, J. G.
Gray, A.
Hough
Pack
Quinn
Rogers (c)
See also Buckeye
- Hutu**
Church, J. W.
- Ilex** *Ilex*
- Abbot (c)
Curtis, C. C.
Wright, H. D.
See also Holly
- Incense-tree**
Van Der Meulen
- Ironwood** *Carpinus* and *Ostrya*
- Apgar
Britton
Coker
Gifford, J.
Gilbert
Gomes, E. H. (b)
Gray, A.
Gregory, H. E.
Hough
- *Keeler
- *Lounsberry (a b)

- Ironwood—Continued**
 Mendenhall
 Mjoberg ch. 21
 Rogers (a c)
 Sargent
 Werthner
 Wetmore (k)
Jacaranda Jacaranda
 Chater, M. (f)
Jeluton
 Smith, H. W. (b)
Joshua tree
 See Yucca
Judas tree *Cercis canadensis*
 Curtis, C. C.
 Hall, C.
 See also Redbud
Juju
 Talbot, P. A.
Juniper Juniperus
 Apgar
 Ariza
 Barnard
 Bush-Brown
 Coker
 Coulter, J. G.
 Coulter, J. M. (b)
 Coulter, M. C.
 Durand, H.
 Elliot, G. F. S. (b)
 Flagg (b)
 *Going
 Gray, A.
 Hough
 Judd, N. M. (c)
 *Keeler
 Limbert
 *Lounsberry (a b)
 McFarland
 Moon
 Morden (f)
 Rogers (a c)
 Sargent
 Stanford
 Ward, F. K.
 See also Plants
Kalaw *Hydrocarpus castanea*
 Rock, J. F. (f)
Kapok or Silk cotton tree
Ceiba pentandra
 Schroder
Kauri
 See Pine
Kigelia *Kigelia*
 Swingle
Koa, Giant *Acacia koa*
 Grosvenor, G. (b)
Kosso *Hagenia*
 Osgood, W. H. (f)
Lantern, Chinese, Klapperbos
 Chater, M. (f) p. 408
 See also Cape Colony
Lancewood
 Gifford, J.
Larch *Larix*
 Andrews, R. C. (h)
 Apgar
 Barnard
 Bryce, J. (b)
 Coulter, J. M. (b)
 Elliot, G. F. S. (b)
 Flagg (b)
 *Going
 Gray, A.
 Hyde, W. W.
 *Keeler
 Mecking
 *Michaux
 Moon
 Ossendowski (a)
 Rock, J. F. (b e)
 Rogers (a b c)
 Sargent
 Stanford
 Wilkins (c)
 Wrangell
Laurel *Kalmia*
 Abbot (c)
 Apgar
 Britton
 Browne, D. J.
 Bush-Brown
 Coker
 *Flagg (b)
 Gray, A.
 Hough
 Keeler
 *Lounsberry
 *Michaux
 Moon
 Pack
 Quinn
 Rogers (b c)
 Sargent
 See also Plants
Leatherwood *Dicra palustris*;
Cyrilla racemiflora
 Britton
 Hall, C.
 Peterson, M. G.
 See also Moosewood
Licorice *Galium*
 Britton
Lignum-vitae *Guaiacum*
 Gifford, J.
 Gill, Mrs.
 Johnston, H. H. (l)
Lilac *Syringa*
 Browne, D. J.
 Gray, A.
 Rogers (c)
Lime *Citrus aurantifolia*;
Nyssa ogeche
 Abbot (c)
 Browne, D. J.
 Coulter, J. G.
 Gifford, J.
 Keeler
 Quinn
 Rogers (b)
 Sargent
 See also Linden
Linden *Tilia*
 Apgar
 Chater, M. (h)
 Coker
 Coulter, J. M. (a)
 Coulter, M. C.
 Gilbert
 Going
 Gray, A.
 *Keeler
 *Lounsberry (a b)
 *Michaux
 Pack
 Rogers (b c)
 Sargent
Locust *Robinia*
 *Apgar
 Browne, D. J.
 Coker
 Durand, H.
 Felt
 Flagg (b)
 Going
 Gray, A.
 Hough
 Keeler
 McFarland
 Michaux
 Moon
 Pack
 Quinn
 *Rogers (a b c)
Locust, Honey *Gleditsia tria-*
canthos
 Coulter, J. G.
 Coulter, M. C.
 Curtis, C. C.
 Gilbert
 Hough
 Rogers (a c)
Locust, Yellow *Robinia*
pseudocacia
 Hough
 Lounsberry (a b)
 Rogers (a c)
 Sargent
Logwood *Haematoxylon cam-*
pechianum
 Johnston, H. H. (l)
 LaGorce (b)
Magnolia *Magnolia*
 Abbot (c)
 Apgar
 Browne, D. J.
 Chater, M. (h)
 Coker
 Dorrance
 Flagg (b)
 Gilbert
 Gray, A.
 Grosvenor, G. (a)
 Harper, F.
 Hough
 *Keeler
 *Lounsberry (a b)
 *Michaux
 Pack
 Rogers (b c)
 Sargent
Mahogany *Swietenia ma-*
hogani
 Browne, D. J.
 Fountain (d)
 Gayer, J.
 Gifford, J.
 Gifford, J.
 Going

- Johnston, H. H. (1)
Keeler
Lounsberry (a b)
*Rogers (c)
Sands
Sargent
Shay, F.
- Maidenhair tree** *Ginkgo biloba*
Coulter, M. C.
Gager
- Maiyang**
Rock, J. F. (f)
- Man-eating tree**
Osborn, C. S.
- Mango** *Mangifera indica*
Chapman, F. M. (i)
Fairchild, D. (b e)
Mjoberg ch. 24
- Mangrove** *Rhizophora mangle*
Abbot (c)
Adams, H. C. (b)
Coulter, J. M. (b)
Davis, J. H.
Gifford, J.
Hall, M. A.
Hanna, G. D.
Holt, E. G. (b)
Mjoberg ch. 21
Moore, W. R. (e)
Sargent
Wells, C. (c) p. 144-61
- Mangrove, Red, Black, White**
Davis, J. H.
- Maple** *Acer*
Abbot (c)
Apgar
Ariza
Barnard
Browne, D. J.
Chater, M. (h)
Corey, H. (c)
Coulter, J. M. (a b)
Coulter, M. C.
Felt
Flagg (b)
*Going
Gray, A.
Hough
Hume, M.
*Keeler
Kennan, G. (b)
*Lounsberry (a b)
*McFarland
MacKenzie, C. D.
Pack
Quinn
Rogers (a b c)
Roy, L. C. (b)
Sargent
Werthner
- Maple, Bird's eye** *Acer saccharum* var.
Hough
Rogers (a b c)
- Maple, Black** *Acer nigrum*
Coker
Hough
Rogers (a c)
- Maple, Curly** *Acer saccharum* var.
Hough
Rogers (b c)
- Maple, Hard** *Acer saccharum*
Hough
Lounsberry (a b)
Rogers (c)
- Maple, Norway** *Acer platanoides*
Apgar
Browne, D. J.
Keeler
McFarland
Michaux
Rogers (a b c)
- Maple, Red** *Acer rubrum*
Apgar
Browne, D. J.
Coker
Durand, H.
Hough
*Keeler
*Lounsberry (a b)
McFarland
Michaux
Rogers (a c)
- Maple, Silver** *Acer saccharinum*
Apgar
Coker
Hough
Keeler
Lounsberry (a b)
McFarland
Rogers (a b c)
- Maple, Soft (Sugar)** *Acer saccharum*
Apgar
Browne, D. J.
Coker
*Gilbert
*Hough
Keeler
Lounsberry (a b)
McFarland
Michaux
Rogers (a b c)
- Maple, White** *Acer saccharinum*
Apgar
Browne, D. J.
Hough
McFarland
Michaux
Rogers (a)
- Maquis**
Williams, M. O. (i)
- Mariposa**
Schmeckebier
Simpich (c)
- Mastic** *Sideroxylum foetidissimum*
Gifford, J.
- Melon-tree** *Carica papaya*
Mjoberg ch. 24
See also Papaya
- Mimosa** *Mimosa*; *Leucaena*
Coker
Gray, A.
Johnston, H. H. (1)
Rogers (c)
Sargent
Shay, F.
- Mockernut** *Carya alba*
Britton
Curtis, C. C.
Smith, J. R.
- Mockorange**
See Osage orange
- Moosewood or Striped maple**
Acer pennsylvanicum
Britton
Keeler (a)
Michaux
Peterson, M. G.
Rogers (a c)
See also Leatherwood
- Mora**
Hitchcock
- Mulberry** *Morus*
Britton
Browne, D. J.
Coker
Coulter, J. G.
Gilbert
Hough
*Keeler
*Lounsberry (a b)
Michaux
Quinn
Rogers (b c)
Sargent
Smith
Trowbridge
Werthner
- Myrtle** *Myrtus*
Flagg (b)
Hough
Rogers (c)
Sargent
See also Plants
- Nakedwood**
Gifford, J.
- Nutmeg** *Myristica fragrans*
Abbot (c)
Quinn
Scidmore (b)
- Nutmeg, California** *Torreya californica*
Stanford
- Oak** *Quercus*
Abbot (c)
Adams, H. C. (c)
Andrews, R. C. (h)
Apgar
Barnard
Britton
Caetani
Chapman, F. M. (i)
Chater, M. (h)
Coker
Collins, G. N.
Coulter, J. M. (a b)
Coulter, M. C.
Elliot, G. F. S. (b)
Flagg (b)
Going
Graves, R. A. (b)
Hanna, G. D.
Hough
*Keeler
Kennan, G. (b)
*Lounsberry (a b)
*McFarland

- Oak**—*Continued*
 Markham, F.
 Michaux
 Pack
 Quinn
 Rogers (a b c)
 *Sargent
 Torrey (b)
 Werthner
 Young, E. (b d)
Oak, Black *Q. velutina*
 Apgar
 Coker
 Flagg (b)
 Hough
 Keeler
 *Lounsberry (a b)
 Michaux
 Rogers (a c)
Oak, Black-jack *Q. marilandica*
 Coker
 Hough
 Keeler
 Michaux
 Rogers (a c)
Oak, Bur *Q. macrocarpa*
 Apgar
 Hough
 Keeler
 Lounsberry (a b)
 Pack
 Rogers (a c)
Oak, Chestnut *Q. prinus*
 Apgar
 Hough
 Keeler
 Lounsberry (a b)
 McFarland
 Michaux
 Pack
 Rogers (a c)
Oak, Chinquapin *Q. muhlenbergii*
 Hough
 Rogers (a c)
See also Chinquapin
Oak, Cork *Q. suber*
 Rogers (c)
 Young, E. (b)
Oak, Dwarf *Quercus*
 Chandler, D. (a)
Oak, Live *Q. virginiana*
 Apgar
 Chater, M. (h)
 Coker
 Harper, F.
 Hough
 *Lounsberry (a b)
 *McFarland
 *Michaux
 Moore, W. R. (d)
 Pack
 Rogers (a c)
Oak, Pin *Q. palustris*
 Apgar
 Coker
 Hough
 *Keeler
 *Lounsberry (a b)
 McFarland
 Michaux
 Pack
 Rogers (a c)
 Rogers (a c)
Oak, Post *Q. stellata*
 Apgar
 Coker
 Hough
 *Keeler
 *Lounsberry (a b)
 McFarland
 Michaux
 Pack
 Rogers (a b c)
Oak, Red *Q. rubra*
 Apgar
 Flagg (b)
 Hough
 Keller
 Michaux
 Pack
 Rogers (a b c)
Oak, Scrub *Q. ilicifolia*
 Coker
 Flagg (b)
 Hough
 Lounsberry
 Rogers (a)
Oak, Spanish *Q. rubra*
 Apgar
 Coker
 Hough
 Keeler
 Lounsberry (a b)
 Michaux
 Pack
 Rogers (c)
Oak, Swamp *Q. bicolor*
 Apgar
 Coker
 Flagg (b)
 Keeler
 Lounsberry (a b)
 McFarland
 Pack
 Rogers (b c)
Oak, Water *Q. nigra*
 Coker
 Harper, F.
 Hough
 Lounsberry (a b)
 Michaux
 Rogers (c)
Oak, White *Q. alba*
 Apgar
 Coker
 Flagg (b)
 Gilbert
 Hough
 Keeler
 Lounsberry (a b)
 McFarland
 Pack
 Rogers (a b c)
Oak, Willow *Q. phellos*
 Apgar
 Hough
 Keeler
 McFarland
 Pack
 Rogers (a b c)
- Oak, Yellow** *Q. muhlenbergii*
 Apgar
 Hough
 Rogers (a b c)
Ocatilla
 Mendenhall
 Shelton
Old trees
See Big trees
Olive, Wild *Olea europaea*
 Quinn
 Wright, H. D.
See also Fruit
Opuntia *Opuntia*
 Chapin, J. P. (d)
 MacDougal (b)
 Quinn
See also Prickly-pear
Orange *Citrus*
 Bosson, Mrs. (c)
 Coulter, M. C.
 Gilbert
 Gray, A.
 Hume, M.
 Mendenhall
 Quinn
See also Fruit
Osage orange *Maclura pomifera*
 Apgar
 Browne, D. J.
 Coker
 Coulter, J. G.
 Dorrance
 Gray, A.
 Hough
 Keeler
 Rogers (b c)
 Smith, J. R.
See also Mockorange
Palm
 Abbot (c)
 Adams, H. C. (c)
 Bosson, Mrs. (c)
 Casserly
 Coker
 Coulter, J. G.
 Coulter, J. M. (b)
 Coulter, M. C.
 Graves, R. A. (b)
 Hall, C. I.
 Hall, G. D.
 Johnson, F. E. (a)
 Lounsberry
 Mendenhall
 Rogers (b c)
 Sargent
 Stevens, A. W. (d)
Palm, Coco-de-mer
 Fairchild, D. (a)
 Simpich (b)
Palm, Coconut *Cocos nucifera*
 Church, J. W.
 Critchell
 Darton, N. H. (c)
 Gifford, J.
 Higgins
 LaGorce (b c d)
 McBride, H. A. (c)
 Murphy, R. C.
 Scidmore (b)

- Showalter (e)
 Simpich (i)
 Thaw
Palm, Cocorilo
 Corey, H. (b)
Palm, Date *Phoenix dactylifera*
 Bosson, Mrs. (c)
 Clark, C. U.
 Coulter, J. M. (b)
 Coulter, M. C.
 Dennis, A. P. (a)
 Fairchild, D. (e)
 Forder
 Kearney (a b)
 Kerbey (c)
 Maxon (b)
 VanDerMeulen
 Wood, J. B. (d)
Palm, Desert *Washingtonia filamentosa*
 Sargent
Palm, Ekman
 Fairchild, D. (a)
Palm, Ivory nut or Tagua
Phytelephas macrocarpa
 Quinn
Palm, Manace *Attalea cohune*
 Olsson-Seffer, H.
Palm, Moriche *Mauritia flexuosa*
 Tate, G. H. H.
Palm, Nipa
 Mjoberg ch. 21
 Smith, H. W. (b)
Palm, Oil *Elaeis guineensis*
 McBride, H. A. (c)
 Quinn
Palm, Pandanus
 Rhone p. 579
Palm, Pinang
See Betel-nut palm
Palm, Royal *Roystonia regia*
 Gifford, J.
 Johnston, H. H. (1)
 Langley
 Sargent
Palm, Sago *Metroxylon rumphii*
 Barbour, T. (b)
 Mjoberg ch. 25
Palm, Sealing-wax *Cyrtostachys renda*
 Fairchild, D. (a)
Palm, Screw
 Scidmore (b)
Palm, Sugar *Arenga saccharifera*
 Mjoberg ch. 24
 Moore, W. R. (e)
Palm, Talipot
 Scidmore (b)
Palm, Traveler's
 Pidgeon p. 177
 Simpich (i)
Palm, Wax *Ceroxylon*
 Killip
Palmetto *Sabal*
 Gilbert
 Graves, R. A. (b)
 Lounsberry
 Moore, W. R. (d)
 Pack
 Rogers (c)
 Sargent
Paloverde *Cercidium torreyanum*
 MacDougal (b)
Pandanus
 Chapin, J. P. (c)
Papaw *Asimina triloba*
 Apgar
 Browne, D. J.
 Coker
 Hough
 *Keeler
 *Lounsberry (a b)
 *McFarland
 *Michaux
 Rogers (b c)
 Sargent
 Wells, C. (c) p.144-61
 *Werthner
Papaya *Carica papaya*
 Popenoe
Peach *Amygdalus persica*
 Apgar
 Browne, D. J.
 Coker
 Felt
 Flagg (b)
 *Gilbert
 *Going
 Hough
 Keeler
 Quinn
 Rogers (a)
 Sargent
Pear *Pyrus communis*
 Apgar
 Browne, D. J.
 Coker
 Flagg (b)
 Gilbert
 Going
 Gray, A.
 Hough
 Quinn
 Rogers (a c)
 Townsend, C. W. (d)
Pecan *Carya pecan*
 Apgar
 Coker
 Felt
 Gilbert
 Gray, A.
 Hough
 Kirkwood, J. E. (b)
 *Lounsberry (a b)
 *McFarland
 Pack
 Quinn
 Rogers (a b)
 Sargent
 Simpich (h)
 Smith, J. R.
Pepper-tree *Schinus*
 Johnson, F. E. (a)
Persimmon *Diospyros*
 Browne, D. J.
 Coker
 Coulter, J. G.
 Gilbert
 Gray, A.
 Hough
 *Keeler
 Lounsberry (a b)
 McFarland
 Michaux
 Quinn
 Rogers (c)
 Smith, J. R.
 *Werthner
Pine *Pinus*
 *Baillie-Grohman (a)
 *Baker, S. W. (e)
 Chapman, F. M. (i)
 Chater, M. (h)
 Coker
 Collins, G. N.
 Coulter, J. M. (a c)
 Douglass, A. E.
 Dugmore, D.
 *Flagg (b)
 Going
 Graves, R. A. (b)
 Gray, A.
 Hall, C.
 Hall, G. D.
 Hough
 Johnston, H. H. (1)
 Judd, N. H. (c)
 Keeler
 Koelz
 Limbert
 *Lounsberry (a b)
 *McFarland
 *Michaux
 Morden (e f)
 Olson (b)
 Quinn
 Rogers (b c)
 *Sargent
 Schwatka (c)
 Smith, J. R.
 *Torrey (b)
 Young, E. (b d)
Pine, Australian *Pinus nigra*
 Longley, W. H. (a)
See also Dry Tortugas
Pine, Canary *Pinus canariensis*
 Fairchild, D. (b)
Pine, Dwarf *Pinus strobus*
 Graves, C. E.
 Patric, J. (a)
Pine, Jack *Pinus banksiana*
 Hough
 McFarland
 Rogers (b c)
Pine, Kauri *Agathis australis*
 Moore, W. R. (c)
 White, J. R.
Pine, Loblooly *Pinus taeda*
 Curtis, C. C.
 Graves, R. A. (b)
 Sargent
Pine, Lodge pole *Pinus mur-rayana*
 Rogers (b)

- Pine, Long-leaf** *P. palustris*
 Apgar
 Coker
 Graves, R. A. (b)
 Hough
 Keeler
 McFarland
 Michaux
 Rogers (b c)
- Pine, Norway** *Pinus resinosa*
 Hough
 Keeler
 Michaux
 Rogers (b c)
 Young, E. (d)
- Pine, Pitch** *Pinus rigida*
 Apgar
 Coker
 Flagg (b)
 Hough
 Lounsberry (a b)
 McFarland
 Rogers (b c)
- Pine, Ponderosa** *Pinus ponderosa*
 Shenon
- Pine, Red** *Pinus resinosa*
 Apgar
 Keeler
 Rogers (b c)
- Pine, Scrub** *Pinus virginiana*
 Coker
 Hough
 Rogers (c)
- Pine, Short-leaf** *Pinus echinata*
 Hough
 Lounsberry
 Rogers (b c)
- Pine, Silver** *Pinus monticola*
 Rogers (c)
- Pine, Slash** *Pinus caribaea*
 Graves, R. A. (b)
 Sargent
- Pine, Sugar** *Pinus lambertiana*
 Nelson, E. W. (c)
 Sargent
 Simpich (c)
- Pine, Taeda** *Pinus taeda*
 Apgar
 Coker
 Hough
 Keeler
 Lounsberry
 Michaux
 Rogers (b c)
- Pine, Tamarack** *Larix*
 Rogers (b)
See also Tamarack
- Pine, White** *Pinus strobus*
 *Apgar
 Britton
 Burt
 Coker
 Corey, H. (c)
 Durand, H.
 Flagg (b)
 Gilbert
 Hardy (c)
 Hough
 Keeler
 *Lounsberry (a b)
- McBride, H. A. (a)
 McFarland
 *Michaux
 Moore, W. R. (c)
 *Rogers (b c)
 Shenon
- Pine, Yellow** *Pinus echinata*
 Apgar
 Darton, N. H. (b)
 Hough
 Keeler
 Lounsberry
 Michaux
 Nelson, E. W. (c)
 Rogers (c)
- Pinon** *Pinus edulis*
 Bernheimer
 Kolb, E.
 Quinn
 Rogers (c)
 Smith, J. R.
- Pistacia** *Pistacia*
 Browne, D. J.
 Huntington (c)
 Quinn
- Plane tree** *Platanus*
 Browne, D. J.
 Flagg (b)
 Lounsberry
 Quinn
- Plane tree, Oriental** *Platanus orientalis*
 Gray, A.
 Pack
 Rogers (c)
- Plum** *Prunus*
 Browne, D. J.
 Coker
 Flagg (b)
 Gilbert
 Going
 Gray, A.
 Hough
 *Lounsberry (a b)
 Quinn
 Rogers (a b c)
 *Sargent
 Townsend, C. W. (d)
 *Werthner
- Plum, Pigeon** *Coccoloba laurifolia*
 Gifford, J.
- Poison-tree** *Hippomane mancinella*
 Hodge, H.
- Poplar** *Populus*
 **Apgar
 Browne, D. J.
 Chapman, F. M. (i)
 *Coker
 Coulter, M. C.
 Felt
 Flagg (b)
 Gager
 *Going
 Gray, A.
 Griggs, R. F. (a)
 Hough
 Keeler
 Kennon, G. (b)
 *Lounsberry (a b)
 McFarland
- MacGillivray
 **Michaux
 Pack
 Rogers (a b c)
 Sargent
 Schantz
 Werthner
 Wrangell
- Poplar, Balsam** *P. balsamifera*
 Apgar
 Hough
 Rogers (a b)
- Poplar, Carolina** *P. eugenei*
 Apgar
 Hough
 Lounsberry (a b)
 McFarland
 Michaux
 Rogers (b c)
- Poplar, Lombardy** *P. italica*
 Adams, H. C. (b)
 Apgar
 Lounsberry (a b)
 McFarland
 Rogers (a b c)
- Poplar, Silver** *P. alba*
 Hough
 Lounsberry
 Rogers (a b)
- Poplar, White** *P. alba*
 Apgar
 Hough
 McFarland
 Rogers (a c)
- Poplar, Yellow** *Liriodendron tulipifera*
 Hough
 McFarland
 Rogers (a b c)
See also Tulip-tree
- Porcupine-tree**
 Fairchild, D. (a)
- Princewood** *Exostemma caribaeum*
 Gifford, J.
- Quebracho**
 Adams, H. C. (c)
- Rata** *Metrosideros robusta*
 Moore, W. R. (c)
- Rattan** *Calamus*
 Simpich (i)
 Smith, H. W. (b)
- Redbud** *Cercis canadensis*
 Bernheimer
 Coker
 Coulter, J. M. (a b)
 Gray, A.
 Hough
 McFarland
 Rogers (a b c)
 Sargent
 Werthner
- Redwood** *Sequoia*
 Abbot (c)
 Apgar
 Coulter, M. C.
 Douglass, A. E.
 Elliot, G. F. S. (b)
 Gager
 Grant, M.
 Gray, A.
 Hall, C.

- Hildebrand (d)
 Lull (a)
 McFarland
 Moon
 Moore, W. R. (e)
 Muir, J.
 Osborn (e)
 Pack
 Rogers (a b c)
 Sargent
 Simpich (c)
 Stanford
 Whitaker p 67-9
 White, J. R.
 Young, E. (d)
Redwood, Coast *Sequoia sempervirens*
 Hildebrand (d)
Rosewood *Dalbergia*
 Coulter, M. C.
 Grimshaw, B. (b)
Rubber-tree *Castilla*; *Ficus*;
Hevea
 Brandes
 Calderon
 Collins, G. N.
 Coulter, J. M. (a b)
 Elliot, G. F. S. (b)
 Gifford, J.
 Hall, M. A.
 Mjoberg ch.27
 Moore, W. R. (a e)
 Olsson-Seffer, P.
 Rogers (c)
 Schurz
 Scidmore (b)
 Simpich (i)
 Smith, J. R.
Saguaro or Giant cactus *Carnegiea gigantea*
 Grosvenor, G. (a)
 Shantz
Samuhu
 Adams, H. C. (c)
Sandalwood
 Grimshaw, B. (b)
Sandbox-tree *Hura crepitans*
 Hodge, H.
Sassafras *Sassafras officinale*
 *Apgar
 Browne, D. J.
 Coker
 Durand, H.
 Felt
 *Flagg (b)
 *Going
 Hough
 Keeler
 Michaux
 Moore, W. R. (d)
 Quinn
 *Rogers (b c)
 Schantz
Sausage-tree *Kigelia pinnata*
 Bishop, G. R.
 Scidmore (b)
Sequoia
See Redwood
Service-berry *Amelanchier*
 Apgar
 Browne, D. J.
 Coker
 Hough
 *Keeler
 *McFarland
 Rogers (b c)
 Sargent
Smoke-tree *Cotinus*
 Durand, H.
 Hall, C.
 Hough
 Quinn
 Rogers (b c)
Sorrel, Sorrel-tree *Oxydendrum arboreum*
 Browne, D. J.
 Hough
 Lounsberry (a b)
 Rogers (b c)
Sourwood *Oxydendrum arboreum*
 Apgar
 Britton
 Curtiss, C. C.
 Gray, A.
 Hough
 Keeler
 Lounsberry (a b)
 Rogers (c)
Spice-tree *Umbellularia californica*
 Sargent
Spruce *Picea*
 Apgar
 Borah
 Coker
 East, B.
 Flagg (b)
 Gilbert
 *Going
 Gray, A.
 Griggs, R. F. (a)
 Hough
 Keeler
 *Lounsberry (a b)
 *McFarland
 Mecking
 Michaux
 Morden (f)
 Olson (b)
 Rock, J. F. (b e)
 Rogers (a b c)
 Sargent
 Stanford
 Villiers
 Wilkins (c)
Spruce, Black *Picea mariana*
 Apgar
 Flagg (b)
 Hough
 Rogers (a c)
Spruce, Douglas *Pseudotsuga taxifolia*
 Rogers (b c)
Spruce, Norway *Picea abies*
 Apgar
 Flagg (b)
 McFarland
 Rogers (a b c)
Spruce, Silver
 Apgar
 Hough
Spruce, Weeping *Picea breweriana*
 Graves, C. E.
Spruce, White *Picea canadensis*
 Durand, H.
 Flagg (b)
 Hough
 McFarland
 Rogers (a c)
Stainleaf
 Gifford, J.
Stopperwood *Eugenia*
 Gifford, J.
 Sargent
Strawberry tree *Arbutus unedo*
 Stanford, E. E. (b)
Sumac *Rhus*
 Abbot (c)
 Apgar
 Browne, D. J.
 Coker
 Durand, H.
 Eaton (e)
 Emerson, F. M.
 Flagg (b)
 Gray, A.
 Hough
 Keeler
 Lounsberry (a b)
 McDougal
 Peattie
 Rogers (b c)
 Sargent
 Shantz
 Werthner
Sycamore *Platanus*
 *Apgar
 Coker
 Elliot, G. F. S. (b)
 Gilbert
 Gray, A.
 Hough
 Keeler
 *Lounsberry (b)
 McFarland
 Michaux
 Pack
 Quinn
 *Rogers (a b c)
 Sargent
 *Torrey (b)
 *Werthner
See also Plane tree
Tamanu *Calophyllum inophyllum*
 Rhone
Tamarack *Larix*
 Apgar
 Britton
 Coulter, J. M. (b)
 Gray, A.
 Hough
 Keeler
 Rogers (a c)
 Sargent
Tamarind *Tamarindus indica*
 Bryant, H. G.
 Gifford, J.

- Tamarind**—Continued
 Quinn
 Sargent
- Tapang**
 Smith, H. W. (b)
- Teak** *Tectona grandis*
 Cooper, M. C.
 Dutton
 Going
 Hall, M. A.
 Moore, W. R. (e)
 Rock, J. F. (f)
 Rogers (c)
 Smith, A. W.
- Tebeldi**
 Keith-Roach
- Thorn** *Crataegus*
 Apgar
 Browne, D. J.
 Durand, H.
 Felt
 Gray, A.
 Hough
 Lounsberry (a b)
 Rogers (c)
- Thorn, Wait-a-bit or Grapple**
 plant *Harpago phytum procumbens*
 Quinn
- Til-tree**
 Fairchild, D. (b)
- Tonka-bean tree** *Coumarouna odorata*
 Quinn
See also Food
- Traveler's tree** *Ravenala madagascariensis*
 Hoffman, E. P.
 Simpich (i)
 Swingle
See also Palm; Madagascar
- Tree fern**
See Fern, Tree
- Tulip tree** *Liriodendron tulipifera*
 Abbot (c)
 *Apgar
 Browne, D. J.
 Coker
 Coulter, J. G.
 Coulter, M. C.
 Felt
 Gilbert
 *Going
 Gray, A.
 Hough
 *Keeler
 *Lounsberry (a b)
 McFarland
 Michaux
 Pack
 Quinn
 Rogers (b c)
 *Sargent
 Schantz
 *Torrey (b)
 Werthner
- Tupelo** *Nyssa*
 Apgar
- Britton
 Browne, D. J.
 Coker
 Coulter, M. C.
 Durand, H.
 Flagg (b)
 Gray, A.
 Hough
 Keeler
 *Lounsberry (a b)
 Rogers (b c)
 *Sargent
- Umbrella-tree** *Magnolia tripetala*
 Apgar
 Britton
 Browne, D. J.
 Coker
 Gray, A.
 Hough
 *Keeler
 *Lounsberry (a b)
 Michaux
 Rogers (b c)
 *Sargent
- Upas, Poison** *Antiaris toxicaria*
 Abbot (c)
 Mjoberg ch.21
 Quinn
 Smith, H. W. (b)
- Vitis**
 Swingle
- Wahoo** *Ulmus alata; Evonymus atropurpureus*
 Apgar
 Britton
 Browne, D. J.
 Curtis, C. C.
 Gray, A.
 Hough
 *Keeler
 *Lounsberry (a b)
 Michaux
 Peterson, M. G.
 Rogers (b c)
 Sargent
- Walnut** *Juglans*
 Abbot (c)
 **Apgar
 Coker
 Coulter, J. M. (a)
 Coulter, M. C.
 Gilbert
 Gray, A.
 Hough
 *Keeler
 Kennan, G. (b)
 *Lounsberry (a b)
 *McFarland
 Mackenzie, C. D.
 Michaux
 Pack
 Rogers (a b c)
 Sargent
 Smith, J. R.
 *Werthner
 Young, E. (b)
- Walnut, Black** *Juglans nigra*
 Coker
- Hough
 McFarland
 Michaux
 Lounsberry (a b)
 Quinn
 Rogers (a b c)
- Walnut, English** *Juglans regia*
 Coker
 McFarland
 Rogers (a b c)
- Walnut, White** *Juglans cinerea*
 Coker
 Hough
 Lounsberry (a b)
 McFarland
 Rogers (b c)
- Wattle** *Acacia*
 Gregory, H. E.
- Whitewood**
 Apgar
 Browne, D. J.
 Hough
- Willow** *Salix*
 Abbot (c)
 *Apgar
 Barnard
 Boyd, L. A.
 Britton
 Coker
 Coulter, J. M. (b)
 Coulter, M. C.
 Felt
 Gilbert
 **Going
 Gray, A.
 Greely (b)
 Hough
 **Keeler
 Koelz
 **Lounsberry (a b)
 McFarland
 MacGillivray
 Michaux
 Nordenskjold
 Ossendowski (a)
 Rogers (a b c)
 *Sargent
 *Werthner
 Wilkins (c)
 *Wrangell
- Willow, Desert** *Chilopsis linearis*
 Shantz
- Willow, Pussy** *Salix discolor*
 Gager
 Hough
 McFarland
 Rogers (b c)
- Willow, Weeping** *Salix babylonica*
 Apgar
 Gilbert
 McFarland
 Rogers (a b)
- Willow, White** *Salix alba*
 Hough
 Hume, M.
 Kolb, E.
 Rogers (c)

- Sargent
Spruce
Witch-hazel *Hamamelis virginiana*
Apgar
Browne, D. J.
Bush-Brown
Coker
Coulter, J. M. (a b)
Dorrance
Durand, H.
Felt
*Flagg (b)
Gager
Gray, A.
Hough
Keeler
*Lounsberry (a b)
*McFarland
Quinn
Rogers (b c)
Sargent
Werthner
Yellow-wood *Cladrastis lutea*
Apgar
Britton
Browne, D. J.
Durand, H.
Dutton
Gray, A.
Hough
Lounsberry (a b)
Michaux
Rogers (a c)
Yew *Taxus*
Apgar
Barnard
Britton
Coker
Felt
Flagg (b)
Going
Gray, A.
Keeler
**Lounsberry
Osgood, W. H. (f)
Quinn
*Rogers (a b c)
*Sargent
Stanford
Yew, American *Taxus canadensis*
Durand, H.
Yew, European *Taxus baccata*
Coulter, J. M. (b)
Peterson, M. G.
Quinn
Rogers (c)
Yucca *Yucca*
Abbot (c)
Coker
Coulter, J. G.
Emerson, F. M.
Gray, A.
Yucca, Giant or Joshua tree
Yucca brevifolia
Chapman, R. H.
Coulter, J. M. (a b)
Ford, W.
Hall, C.
MacDougal (b)
Sargent
Whitaker
See also Plants
Yururu
Hingston (b)

Section 10—Zoology

Section 10. Division 1. MICROSCOPIC LIFE. See Section 3.

Section 10. Division 2. INSECTS

This division in the first edition of the *Natural History Index-Guide* was limited to pests, and references were made chiefly to incidental observations of travelers, explorers and field naturalists, of well-known insects. In this new division the scope has been much extended into a quite unlimited field. In the application of scientific names to the common English names the expert assistance has been received of Dr. Edward A. Chapin, Curator, Division of Insects, U.S. National Museum.

In the general bibliography will be found about 200 complete entries including this list for authors, who, in their field observations, incidentally refer to insects.

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INSECTS

Ants *Formicoidea*

- Andre
 Arkell-Hardwick
 Barrett, O. W.
 *Beebe, M. B.
 Bernheimer
 Bickmore
 Bland-Sutton
 ***Bock (a)
 Bradley, M. H. (b)
 Brown, W. H.
 Bull, C. L.
 Calkins
 *Calvert
 *Carpenter, F. G. (c)
 Clark, A. H. (c)
 Comstock
 Coulter, J. G.
 **Cron (b)
 Denton
 Dickey
 ***DuChaillu (f) ch.17, 18
 Dyott (b)
 Elliot, G. F. S.
 Essig
 Fabre (a c d f h i l m)
 Forbes
 Gadow
 *Gouldsbury (a)
 Guenther
 Hingston (c d)
 Hoefler
 Holland
 *Hudson (a)
 Kennedy, E. B.
 Kerr
 Lange (a)
 Lull (a)
 **Lumholtz (a)
 **Lydekker (b) v.6
 Maxwell, G.
 *Rice, A. H.
 Sadler
 *Schillings (a)
 Singer
 Smith, J. B.
 **Stanley
 *Stebbing
 Sykes
 Thomas, B.
 Tschudi
 Wallace
 Wells, C. (b)
 Wells, J. W.
 Wheeler, W. M. (a b c)
 White
 Whitehead
 Whympier, E.
 Wilkins
 Wilson, J. C.
 *Zahm
 Ant, Arboreal, Brazilian, Amazon *Azteca trigona*
 Fabre (c d)
 Wheeler, W. M. (a)

Ant, Argentine *Iridomyrmex humilis*

- Marlatt
 Metcalf
 Smith, J. B.
 Ant, Black
 Fabre (d)
 Howard (b)
 Metcalf
 Washburn
 Ant, Carpenter *Camponotus herculeanus* var. *pennsylvanicus*
 Comstock (a)
 Metcalf
 Wheeler, W. M. (a)
 Ant, Common *Formicidae*
 Comstock (a)
 Wheeler, W. M. (a)
 Ant, Common red *Formica* sp.
 Fairchild, D. (g)
 Ant, Driver *Dorylinae*
 Bailey, H.
 Hingston (d)
 *Lydekker (b) v.6
 Ant, Driver, South African *Dorylus fimbriatus*
 Wheeler, W. M. (a)
 Ant, Fungus-growing *Trachymyrmex obscurior*
 Wheeler, W. M. (a)
 Ant, Fungus-growing, Texan *Mycetosoritis hartmanni*
 Wheeler, W. M. (a)
 Ant, Harvesting
 Folsom
 Ant, Honey *Myrmecocystus horridiorum*
 Comstock (a)
 Folsom
 Howard (b)
 Metcalf
 Wheeler, W. M. (a)
 Ant, Leaf-cutting *Atta texana*
 Clark, A. H. (c)
 Folsom
 Hingston (d)
 Wheeler, W. M. (a)
 Ant, Mound-building *Formica exsectoides*
 Comstock (a)
 Wheeler, W. M. (a)
 Ant, Occident *Pogonomyrmex occidentalis*
 Wheeler, W. M. (a)
 Ant, Red *Formica* sp.
 Fabre (d)
 Howard (b)
 Washburn
 Ant, Slave-making
 Folsom
 Ant, Slave-making, American *Polyergus lucidus*
 Hingston (d)
 Wheeler, W. M. (a)

Ant, Thatching *Formica rubiginosa*

- Wheeler, W. M. (a)
 Ant, Tree, Red *Oecophylla smaragdina*
 Wheeler, W. M. (a)
 Ant, Velvet *Mutillidae*
 Comstock (a)
 Wisherd
 Ant, White *Isoptera*
 Clark, A. H. (c)
 Comstock (b)
 Essig
 Fabre (i)
 Howard (b)
 Smith, J. B.
 Snodgrass
 Washburn
 Ant-lions *Myrmeleonidae*
 Clark, A. H. (c)
 Comstock (a b)
 Fabre (f)
 Jenks (a)
 Lutz
 Smith, J. B.
 Wheeler, W. M. (b c)
 Aphids or Plant lice *Aphididae*
 Fabre (a d f h m)
 Folsom
 Howard (b)
 Metcalf
 Snodgrass
 Wheeler, W. M. (c)
 Aphis-lion *Chrysopidae*
 Essig
 Howard (b)
 Smith, J. B.
 Snodgrass
 Wellhouse
 Bees *Apoidea*
 Andre
 Bock (b)
 Clark, A. H. (c)
 Comstock (a b)
 Dyott (b)
 Essig
 Fabre (a b c d f h l m)
 *Gouldsbury (a)
 Hingston (d)
 Huxley
 Lydekker (b) v.6
 Maeterlinck
 Shipley
 Smith, J. B.
 Treatt
 Wellhouse
 Wells, J. W.
 Wheeler, W. M. (c)
 Whitehead
 Bee, Bramble *Megachilidae*
 Fabre (e m)
 Hingston (d)
 Bee, Bumble *Bombus* sp.
 Clark, A. H. (b c)
 Comstock (a)
 Coulter, J. G.
 Essig
 Fabre (a b d h)

- Bee, Bumble—Continued**
 Fairchild, D. (g)
 Howard (b)
 Koelz
 Shipley
 Showalter (c)
 Smith, J. B.
 Wheeler, W. M.
 Wisherd
- Bee, Carpenter** *Xylocopa* sp.
 Aaron (a)
 Fabre (bl)
 Howard (b)
- Bee, Cotton** *Anthidiinae*
 Fabre (d k l m)
- Bee, Honey** *Apis mellifica*
 Comstock (a b)
 Coulter, J. G.
 Essig
 Fabre (a b c d f h i l m)
 Hingston (d)
 Howard (b)
 Maeterlinck
 Mjoberg ch.19
 Nelson, E. W. (c)
 Showalter (c)
 Wheeler, W. M. (c)
 Wisherd
- Bee, Humble** *Bombus* sp.
 Hingston (d)
- Bee, Leaf-cutting** *Megachilidae*
 Comstock (b)
 Fabre (c l)
 Hingston (d)
 Metcalf
- Bee, Leaf-cutting, Solitary**
Megachile brevis
 Fairchild, D. (g)
 Howard (b)
- Bee, Mason** *Chalicodoma* sp.
 Clark, A. H. (c)
 Fabre (a b c d i k l m)
 Hingston (d)
 Howard (b)
- Beetles** *Coleoptera*
 Chapin, E. A.
 Clark, A. H. (c)
 Comstock (a b)
 Essig
 Fabre (a b c d f h i l m)
 Felt
 Hingston (c)
 Lull (a)
 Lydekker (b) v.6
 Marlatt
 Murphy, R. C. (a e)
 Showalter (c)
 Smith, J. B.
 Snyder
 Wellhouse
- Beetles, Bacon** *Necrobia rufipes*
 Fabre (i)
- Beetles, Bark**
 Sanderson
- Beetles, Black** *Coleoptera*
 Howard (b)
 Smith, J. B.
- Beetles, Burying** *Nicrophorus* sp.
 Fabre (c f h i k)
 Smith, J. B.
- Beetles, Dung-rolling or Tumble-bugs** *Coprinae*
 Fabre (b c f i m)
 Hingston (d)
 Wheeler, W. M. (c)
- Beetle, Ground** *Carabidae*
 Fabre (c h i k)
 Slingerland
 Smith, J. B.
- Beetle, June** *Cotinis nitida*
 Fairchild, D. (g)
- Beetle, Leaf** *Chrysomelidae*
 Fabre (c h)
 Wisherd
- Beetle, Predaceous ground**
Chlaenius aestivus
 Fairchild, D. (g)
- Beetle, Rhinoceros** *Oryctes rhinoceros*
 Fabre (a b c d h)
- Beetle, Sacred** *Scarabaeus sacer*
 Fabre (b c d h m)
- Beetle, Tiger** *Cicindela* sp.
 Fabre (f h)
 Howard (c)
 Metcalf
 Washburn
 Wellhouse
- Beetle, Water** *Hydrophilidae* or *Dytiscidae*
 Fabre (c k l)
- Book-louse**
 See Lice
- Bookworm**
 See Worm, Book
- Borers**
 Felt
 Sanderson
 Slingerland
- Bugs** *Hemiptera*
 Comstock (a b)
 Essig
 Fabre (a)
 Jenks (a)
 Lydekker (b) v.6
 Treatt
- Bug, Assassin** *Reduvius* sp.
 Clark, A. H. (c)
 Comstock (a)
 Essig
 Howard (b)
 Lutz
 Wisherd
- Bug, Bed** *Cimex lectularius*
 Clark, A. H. (c)
 Comstock (a b)
 Essig
 Fabre (h)
 Howard (b)
 Lutz
 Lydekker (b) v.6
 Metcalf
 Osborn, C. S.
 Sadler
 Sanderson
 Smith, J. B.
- Washburn**
 Young, E. (d)
- Bug, Burrowing** *Cynidae*
 Comstock (a)
 Wisherd
- Bug, Chinch** *Lygaeidae*
 Comstock
 Essig
 Gadaw
 Howard (b)
 Lydekker (b) v.6
 Metcalf
 Sanderson
 Smith, J. B.
 Washburn
 Wellhouse
- Bug, Croton** *Blattella germanica*
 Comstock (a b)
 Lutz
 Marlatt
 Smith, J. B.
 Snodgrass
- Bug, Doodle**
 Jenks (a)
- Bug, Forest**
 Fabre (h)
- Bug, June or May-beetle**
Phyllophaga sp.
 Clark, A. H. (c)
 Comstock (a)
 Fairchild, D. (g)
 Sanderson
 Smith, J. B.
 Snodgrass (a)
 Wellhouse
- Bug, Kissing** *Reduvius personatus*
 Clark, A. H. (c)
 Howard (b)
 Metcalf
- Bug, Pill** *Oniscidae*
 Schmitt (b)
- Bug, Potato** *Leptinotarsa decimlineata*
 Clark, A. H. (c)
- Bug, Red**
 See Redbug
- Bug, Shield** *Scutelleridae*
 Wisherd
- Bug, Stink** *Pentatomidae*
 See Stinkbug
- Bug, Tree** *Miridae*
 Fabre (h)
- Bug, Tumble** *Coprinae*
 Smith, J. B.
 Wellhouse
 See also Beetles
- Bug, Water**
 Howard (c)
 Palmer (b)
- Caterpillars** *Lepidopterous larvae*
 Beebe, W. (b)
 Clark, A. H. (b c)
 Comstock (a b)
 Fabre (b c d h l)
 Folsom
 Hingston (d)
 Howard, L. O.
 Lydekker (b) v.6
 Mann, W. W. (a)

- Marlatt
 Metcalf
 Showalter
 Snodgrass (b)
 Ward, H.
 Washburn
Centipedes *Chilopoda*
 Allee
 Beebe, W. (b)
 Bernheimer
 Burnet
 Clark, A. H. (c)
 Comstock (a b)
 Essig
 Fabre (b c f h)
 Higgins
 Hornaday
 Lankester (a b)
 Lutz
 Lydekker (b) v.6
 Metcalf
 Ober
 Sanderson
 Simplic (b)
 Snyder
 Thomas, B.
 Wellhouse
 Wells, J. W.
 Whympier, E. (b)
 Wilkins
Chiggers *Trombicula* sp.
 Arkell-Hardwick
 Howard (b)
 Lutz
 Lydekker (b) v.6
 Rice, A. H.
 Sanderson
 Stanley
 Sykes
 Wallace
Cicada *Cicadidae*
 Clark, A. H. (b c)
 Comstock (a b)
 Essig
 Fabre (a b c f i k m)
 Fairchild, D. (g)
 Folsom
 Howard (b c)
 Metcalf
 Mjoberg p.128
 Snodgrass (a)
 Wisherd
Cockchafer *Melolontha* sp.
 Fabre (a b c f h k m)
Cockroaches *Blattidae*
 Beebe, W. (b)
 Clark, A. H. (c)
 Comstock (a b)
 Dickey
 Essig
 Fabre (f l)
 Fairchild, D. (g)
 Folsom
 Gill, Mrs.
 Holt, E. G. (b)
 Howard (b c)
 Huxley
 *Lydekker (b) v.6
 Mann, W. W. (a)
 Metcalf
 Nordenskiöld
 Routledge, Mrs.
 Sanderson
 Smith, J. B.
 Snodgrass (a)
 Snyder
 Torday
 Tschudi
 Wellhouse
 Wells, C. (b)
 Wells, J. W.
 Wisherd
Cooties
 See Lice
Corn-borer *Pyrausta nubilalis*
 Jaffee
Crickets *Gryllidae*
 Clark, A. H. (c)
 Comstock (a)
 Dickey
 Fabre (a b c d f h i l)
 Folsom
 Howard (b)
 Huxley
 *Lydekker (b) v.6
 Sanderson
 Showalter (c)
 Smith, J. B.
 Snodgrass
 Snyder
 Wellhouse
 Wisherd
Cricket on the Hearth *Gryllus domesticus*
 Fairchild, D. (g)
Cricket, Stone or Camel *Ceuthophilus* sp.
 Fairchild, D. (g)
Daddy long-legs or Harvest-men *Phalangidea*
 Comstock (a)
 Howard (b)
 Lutz
 Wellhouse
Earthworm *Lumbricidae*
 Clark, A. H. (c)
 Fabre (a b c i)
 Huxley
 Murphy, R. C. (e)
Earwigs *Euplexoptera*
 Comstock (b)
 Essig
 Fabre (f i)
 Hingston (d)
 Howard (b)
 Sanderson
 Smith, J. B.
 Wellhouse
Fleas *Siphonaptera*
 Clark, A. H. (c)
 Comstock (a b)
 DuChailly (g) p.247
 Essig
 Folsom
 Fountain (b)
 Hoeffler
 Howard (b)
 Huxley
 Lutz
 *Lydekker (b) v.6
 Metcalf
 Murphy, R. C. (e)
 Rock, J. F. (d)
 Saint-Cricq
 Sanderson
 Seabrook
 Smith, J. B.
 Stephens, J. L. (b)
 Treatt
 Trinkler
 Wellhouse
 Whympier, E. (b)
Flies *Diptera*
 Andre
 Bland-Sutton
 Clark, A. H. (c)
 Cobb, N. A.
 Comstock (a)
 Coolidge
 Coulter, J. G.
 Cron (b)
 Darwin, C.
 Denton
 *Duguid
 Dyott (b)
 Essig
 Fabre (a b d f h i k l)
 Fleming
 Foa
 Folsom
 Fountain (a)
 Gadow
 Howard (b)
 Huxley
 Landor (b)
 **Lydekker (b) v.6
 Marcy (c)
 Methuen
 Palmer, E. L. (b)
 *Rice, A. H.
 *Schillings
 Showalter (c)
 Singer
 Spears
 Stephens, J. L. (a)
 Treatt
 Wellhouse
 Wood, W.
 Younghusband, F.
Fly, Black *Simulium* sp.
 Burt, E. W.
 Clark, A. H. (c)
 Comstock (a b)
 Crampton
 Dunraven (a)
 Folsom
 Hardy
 Howard (c)
 Lydekker (b) v.6
 Palmer (b)
 Sanderson
 Thomas, W. S.
 Vivian
 Wood, W.
Fly, Blow *Calliphoridae*
 Clark, A. H. (c)
 Comstock (a)
 Howard (b)
 Lydekker (b) v.6
 Metcalf
 Nuttall (a)
 Smith, J. B.
 Snodgrass

- Fly, Blow—Continued**
 Washburn
 Whitehead
 Wisherd
- Fly, Bot Oestridae**
 Clark, A. H. (c)
 Comstock
 Folsom
 Howard (b)
 Metcalf
 Sanderson
 Smith, J. B.
 Snodgrass
 Washburn
- Fly, Blue-bottle Calliphoridae**
 Chapman, A. (b)
 Clark, A. H. (c)
 Fabre (a b c h k l)
 Howard (b)
 Lydekker (b) v.6
 Metcalf
 Smith, J. B.
- Fly, Bottle, Green Lucilia sp.**
 Cobb, N. A.
 Fabre (c)
 Howard (b c)
- Fly, Deer**
 Essig
 Metcalf
- Fly, Dragon Odonata**
 Comstock (a b)
 Fabre (b c f h l)
 Fairchild, D. (c g)
 Hingston (b d)
 Huxley
 Lutz
 Metcalf
 Palmer (b)
 Scott, W. B. (b)
 Shipley
 Smith, J. B.
- Fly, Dragon, Large Anax junius**
 Clark, A. H. (c)
 Cobb, N. A.
 Snodgrass (a)
 Washburn
- Fly, Fire Lampyridae**
 Clark, A. H. (c)
 Comstock (b)
 Wellhouse
- Fly, Flesh Sarcophagidae**
 Fabre (h l)
 Hingston (d)
- Fly, Fruit Trypetidae**
 Altenburg
 Calkins
 Essig
 Grosvenor, G. (f)
 Howard (b)
 Sanderson
 Showalter (c)
 Smith, J. B.
- Fly, Gad Tabanus sp.**
 Essig
 Fabre (a d l)
 Folsom
 Howard (b c)
 Sanderson
 Snodgrass (a)
 Snyder
- Washburn
 Wellhouse
- Fly, Golden-dragon Pantala flavescens**
 Cobb, N. A.
- Fly, Hessian Phytophaga destructor**
 Clark, A. H. (c)
 Comstock (a)
 Essig
 Howard (c)
 Lydekker (b) v.6
 Marlatt
 Metcalf
 Sanderson
 Smith, J. B.
 Thomas, W. S. (b)
 Washburn
 Wellhouse
- Fly, Horn Haematobia irritans**
 Comstock (a)
 Howard (c)
 Marlatt
 Metcalf
 Smith, J. B.
 Snodgrass (a)
- Fly, Horse Tabanus atratus**
 Comstock
 Fairchild, D. (g)
 Howard (c)
 Snodgrass (a)
 Snyder
 Trowbridge
- Fly, Horse, Green-headed Tabanus punctifer**
 Clark, A. H. (c)
 Fairchild, D. (c)
 Wellhouse
- Fly, House Musca domestica**
 Clark, A. H. (b c)
 Cobb, N. A.
 Comstock (a)
 Fabre (a c f)
 Folsom
 Jaffee
 Metcalf
 Shipley
 Snodgrass (a)
 Wellhouse
- Fly, Ichneuman Ichneumonidae**
 Clark, A. H. (c)
 Comstock (a b)
 Fabre (b c d h i k)
 Hingston (d)
 Howard (b)
 Wisherd
- Fly, Lantern Fulgoridae**
 Comstock (a)
 Wisherd
- Fly, Robber Asilidae**
 Aaron (b)
 Clark, A. H. (c)
 Comstock (a)
 Fabre (a)
 Fairchild, D. (c)
 Howard (b)
 Metcalf
 Murphy, R. C. (a)
 Smith, J. B.
 Snodgrass
 Wisherd
- Fly, Sand Culicoides sp.**
 Clark, A. H. (c)
 Crampton
 Essig
 Howard (b c)
- Fly, Saw Tenthredinidae**
 Essig
 Fabre (i d k)
 Howard (b)
 Metcalf
 Sanderson
 Smith, J. B.
 Washburn
 Wheeler, W. M. (c)
- Fly, Scorpion Mecoptera**
 Howard (b)
 Smith, J. B.
- Fly, Tsetse Glossina morsitans**
 Sec Tsetse fly
- Fly, White**
 Essig
 Sanderson
 Washburn
- Frog-hopper Cercopidae**
 Comstock (a)
 Fabre (c f)
 Showalter (c)
 Wisherd
- Gnats Chironomidae**
 Andre
 Clark, A. H. (c)
 Dickey
 Essig
 Fabre (a b c d f h i k l)
 Jones, B.
 Koelz
 Lydekker (b) v.6
 Metcalf
 Semon
 Sheldon (b)
 Stevens, A. W. (d)
 Treatt
 Wellhouse
 Wilcox
 Zahm
- Grasshoppers Acrididae**
 Clark, A. H. (c)
 DuChailu (f) p 215
 Essig
 Fabre (a b c d h i k l)
 Folsom
 Jaffee
 Lumholtz (a)
 Lydekker (b) v.6
 Metcalf
 Showalter (c)
 Smith, J. B.
 Snodgrass (a b)
 Tate
 Wellhouse
- Grasshopper, Green Dichromorpha viridis**
 Fairchild, D. (g)
- Grasshopper, King Hippiscus sp.**
 Fairchild, D. (c g)
- Grubs (Larvae of various insects)**
 Howard
 Lydekker (b) v.6

- Morden (c)
 Shelton, A. L. p.317
 Showalter (c)
 Treatt
 Wellhouse
 Wisherd
See also Aborigines;
 Worms
Harvesters *Opiliones*
 Comstock (b)
 Hingston (d)
Helgramites
 Wellhouse
Hornets *Vespula* sp.
 Andre
 Clark, A. H. (b)
 Fabre (a b f h)
 Lydekker (b) v.6
 Showalter (c)
 Wellhouse
Hornet, Bald-faced *Vespula maculata*
 Fairchild, D. (g)
 Howard (b)
Insects
See Ants; Bugs; Chiggers;
 Flies; Mosquitoes, etc.
Jiggers *Trombicula* sp.
 Bailey, H.
 Bland-Sutton
 Clark, A. H. (c)
 Essig
 Fountain (b)
 Gadaw
 *Gouldsbury (a)
 Johnson, Martin (d)
 Kennedy, L.
 *Lydekker (b) v.6
 Metcalf
 Ober
 Osborn, C. S.
 *Schillings
 Smith, J. B.
 Sykes
 Torday
 Wells, C. (b)
Katydid *Locustidae*
 Clark, A. H. (c)
 Comstock (a b)
 Essig
 Fairchild (c g)
 Folsom
 Howard (b c)
 Metcalf
 Showalter (c)
 Snodgrass
 Wellhouse
Lady-bugs *Coccinellidae*
 Clark, A. H. (c)
 Comstock (b)
 Metcalf
 Sanderson
 Wellhouse
Leaf-hopper
 Essig
 Felt
 Slingerland
 Wellhouse
Leeches *Hirudinea*
 Calvert
 Clark, A. H. (c)
 Coolidge
 Denton
 Gadaw
 *Lydekker (b) v.6
 Maxwell, G.
 Pereira
 Rathbone
 Sadler
 Semon
 Whitehead
Lice *Mallophaga* and *Anoplura*
 Baker (a)
 Burnham
 Clark, A. H. (c)
 Comstock (b)
 Essig
 Fabre (c)
 Folsom
 Galton (c)
 Huc
 Huxley
 *Lydekker (b) v.6
 Marlatt
 Metcalf
 Morden (a)
 Sanderson
 Smith, J. B.
 Washburn
 Wellhouse
 Whitney, H.
Lice, Body
 Sanderson
Lice, Book *Corrodentia*
 Comstock (b)
 Howard (b)
 Sanderson
 Smith, J. B.
Lice, Chicken
 Sanderson
Lice, Plant *Aphididae*
See Aphids
Lice, Wood *Corrodentia*
 Fabre (c f h i)
 Snyder
Locust *Acrididae*
 Brown, W. H.
 Carpenter, F. G. (c)
 Clark, A. H. (c)
 Comstock (a b)
 Coulter, J. G.
 Darwin, C.
 Ellis
 Essig
 Fabre (a b c d f h i l)
 Folsom
 Fraser, J. B. (c)
 *Galton (c)
 *Gouldsbury (a)
 Hinde (b)
 Hoefler
 Howard (b)
 *Hudson (a)
 Johnson, F. E. (b)
 Landor (b)
 Lull (a)
 *Lydekker (b) v.6
 Makin (b)
 Metcalf
 Osborn, C. S.
 Raswan
 Sanderson
 *Selous, F. C. (g)
 Showalter (c)
 Simpich (g)
 Swingle
 Sykes
 *Torrey (d)
 Washburn
 Wellhouse
 Wells, C. (b)
 Wisherd
Louse
See Lice
Maggots *Dipterous larvae*
 Clark, A. H. (c)
 Essig
 Folsom
 Gouldsbury (a)
 *Lydekker (b) v.6
 Metcalf
 Nuttall (a)
 Sanderson
 Showalter (c)
 Snodgrass
 Washburn
 Wellhouse
Mantes, Praying, or Mule-
killers *Stagmomantis carolina*
 Comstock (a b)
 Dyott (c)
 Fabre (a b c d f h i m)
 Snodgrass
Mantis *Mantidae*
 Clark, A. H. (c)
 Comstock (a)
 Fabre (a b c f h i)
 Howard (c)
 Snodgrass
 Wisherd
Midges *Chironomidae*
 Arkell-Hardwick
 Burt
 Clark, A. H. (c)
 Comstock (a)
 Essig
 Fabre (a b c h i l)
 Gadaw
 Howard (b)
 Lydekker (b) v.6
 Metcalf
 Palmer (b)
 Sanderson
 Selous, F. C.
 Smith, J. B.
Millipedes *Diplopoda*
 Clark, A. H. (c)
 Comstock (a b)
 Fabre (b)
 Huxley
 Mann, W. W. (a)
 Mjoberg ch.20
Mites *Bdella* sp.
 Clark, A. H. (c)
 Comstock (a b)
 Huxley
 Murphy, R. C. (e)
 Snyder
 Washburn

Mosquitoes Culicidae

- Atkinson (a)
 Audubon (c)
 ***Baker (a)
 Barnard
 Bernheimer
 Bland-Sutton
 **Bock (b)
 Burnham
 Burt
 Carpenter, F. G. (d)
 Cartensen
 Cartwright
 Cobb, H. A.
 Comstock (a b)
 Coolidge
 *Cron
 Cumming, C. F. G. (c)
 DeLesdain
 DeWindt
 Dickey
 Domville-Fife
 **Dugmore (a)
 **Dunraven (b)
 Dyott
 Enock
 Ewbank
 Fabre (a b c h k l)
 Farnham
 Faulkner
 Fleming
 *Fountain (b d e)
 Fraser, J. B. (c)
 *Gadow
 **Galton (c)
 **Gouldsbury (a)
 Grubb (b)
 Guenther
 Hayes
 Hedin (b)
 Holland
 Hornaday (a)
 *Huc
 *Johnston, H. H. (e—1)
 Jones, B.
 Kennedy, E. B.
 Lange (a)
 **Lumholtz (a)
 **Lydekker (b) v.6
 Mackenzie, A.
 Mecking
 Mecklenburg-Schwerin (c)
 Melville
 **Mjoberg
 *Rice, A. H.
 Robertson
 Saint-Cricq
 **Selous, F. C.
 Semon
 Sheldon (b)
 Singer
 Smith, J. B.
 Snodgrass
 *Spears
 *Stanley
 *Stefansson (b)
 Stephens, J. L. (a)
 Streeter
 Stuart, V.
 *Stuck (a)
 Sykes
 Thomas, W. S.

***Torday**

- Treant
 Triana
 Vivian
 Wallace
 Ward, H.
 Wells, C. (a)
 Wells, J. W.
 *White
 *Whitehead
 Whympier, E. (b)
 Wood, W.
 Woodroffe
 **Wrangell
 Young, E. (d)
 Younghusband, F.
 Zahm (a b)

Mosquitoes, Anopheles Anopheles punctipennis**Mud-dauber Sceliphron caementarium**

- Fairchild, D. (g)
 Clark, A. H. (b)
 Comstock
 Essig
 Howard (b)

Parasites

- Metcalf
 Wheeler, W. M. (c)
See also Microscopic life

Phasmid or Stick-insect Phasmidae

- Murphy, R. C. (a)
 Ober
 Price, W.
 St. John, B.
 Shipley
 Simpich (b)
 Thomas, B.
 Thomson, Joseph (b)
 Treant
 Wells, C. (b)
 Weston, H. F.
 Whympier, E. (b)
See also Lizards

Pompilus*See* Wasps**Redbug Trombicula sp.**

- Ariza
 Clark, A. H. (c)
 Comstock
 Rice
 Singer

Roach Blattidae

- Essig
See also Cockroach; Croton bug

Sandflies Culicoides sp.

- Andre
 Coolidge
 Dunraven (b)
 Essig
 Hardy
 Lydekker (b) v.6

Scab

- Sanderson

Scale, San Jose Aspidiotus perniciosus

- Essig
 Felt
 Folsom
 Marlatt
 Metcalf
 Sanderson
 Slingerland

Smith, J. B.

- Washburn
 Wheeler, W. M. (c)

Scale-bug or Bark lice Coccidae**Comstock****Scorpion Scorpionida**

- Adams, H. C. (f)
 Arkell-Hardwick
 Baker (a)
 Beebe, M. B.
 Bell, W. D. M.
 Bernheimer
 Burnet
 Calkins
 Clark, A. H. (c)
 Comstock (a b)
 Coolidge
 Crampton p.23
 Essig
 Fabre (b c h l m)
 Fountain
 Fraser, J. B. (c)
 Gadow
 Galton (c)
 Harper, F.
 Huxley
 Johnson, F. E. (a)
 Lankester (b)
 Metcalf
 Murphy, R. C. (a)
 Ober
 Price, W.
 St. John, B.
 Shipley
 Simpich (b)
 Thomas, B.
 Thomson, Joseph (b)
 Treant
 Wells, C. (b)
 Weston, H. F.
 Whympier, E. (b)
See also Lizards

Scorpion, Black

- Fabre (h)

Silkworm (Larva of Bombyx mori)*See* Worms**Skimmer Libellulidae**

- Clark, A. H. (c)
 Wisherd

Snails Gastropoda

- Coulter, J. G.
See also Marine Life; Invertebrates

Snake-doctors Odonata or Corydalis sp.

- Comstock
 Howard (b)

Spiders Arachnida

- Allie
 Beebe, W. (b)
 Bicknell
 Clark, A. H. (b c)
 Comstock (b)
 Dickey
 Essig
 Ewing, H. E.
 Fabre (a c d f h i l m)
 Fountain (a d)
 Hingston (c d)

- Holt, E. G. (b)
 Huxley
 Koelz
 Lutz
 *Lydekker (b) v.6
 Metcalf
 Pocock (d)
 Showalter (c)
 Thomas, B.
 Torday
 Washburn
 Whymper, E. (b)
Spider, Ant Attidae
 Ewing, H. E.
Spider, Black-widow *Latrodectus mactans*
 Ewing, H. E.
 Fabre (a)
Spider, Bowl & Doily *Linxyphia communis*
 Ewing, H. E.
Spider, Brush-legged *Nephila clavipes*
 Ewing, H. E.
Spider, Community
 Ewing, H. E.
Spider, Crab Thomisidae
 Fabre (b f l)
Spider, Garden Argiopidae
 Clare, M. R.
 Fabre (b f)
Spider, Gipsy
 Fabre (h)
Spider, Grass Agelena nagevia
 Ewing, H. E.
 Hingston (b)
Spider, Golden-garden *Miranda aurantia*
 Ewing, H. E.
Spider, House Theridion tepidarium
 Ewing, H. E.
 Fabre (b)
Spider, Jumping Attidae
 Comstock (a b)
 Fairchild, D. (g)
Spider, Orb-weaving Epeiridae
 Comstock (a b)
 Fairchild, D. (g)
Spider, Purseweb Atypus abbotii
 Ewing, H. E.
Spider, Trapdoor Pachylomerus audouini
 Comstock (a b)
 Ewing, H. E.
 Hingston (d)
 Jenks (b)
 Passmore, L.
Spider, Triangle Hyptiotes cavatus
 Ewing, H. E.
Spider, Vagabond Pardosa milvina
 Fairchild, D. (g)
Spider, Water Dolomedes sp.
 Fabre (b)
 Palmer (b)
Spider, Wolf Lycosa carolinensis
 Fairchild, D. (g)
 Wellhouse
- Squash bug Anasa tristis**
 Comstock
 Essig
 Fairchild, D. (g)
 Howard (b)
 Metcalf
 Wisherd
Stink-bug Pentatomidae
 Comstock (a b)
 Essig
 Howard (b)
 Metcalf
 Sanderson
 Wisherd
Tapeworms
 See Worms
Tarantula Aviculariinae
 Adams, H. C. (f)
 Bicknell
 Clark, A. H. (b)
 Comstock (b)
 Duguid
 Ewing, H. E.
 Fabre (a b c l)
 Fraser, J. B. (c)
 Hingston (d)
 Lankester (b)
 Lutz
 *Lydekker (b) v.6
 Metcalf
 Sanderson
 Shantz
 Wellhouse
 Wells, C. (b)
Termites Isoptera
 Bates
 Bland-Sutton
 Calvert
 *Casati
 Clark, A. H. (c)
 Comstock
 Coolidge
 Crampton
 Essig
 Fabre (i)
 Folsom
 Fountain (b)
 Guenther
 Hingston (d)
 Howard (c)
 Kingston
 *Lydekker (b) v.6
 Mann, W. W. (a)
 Metcalf
 Snodgrass
 Tate
 Washburn
 Wellhouse
 Wells, C. (b)
 Wheeler (c)
 Zahm (b)
Ticks Ixodoidea
 Andre
 Arkell-Hardwick
 Baker (a)
 Bates
 Bland-Sutton
 Churchill
 Clark, A. H. (c)
 Comstock (a)
- Cumming, C. F. G. (c)
 Essig
 Fabre (m)
 Fleming
 Gillmore (j)
 *Gouldsbury (a b)
 Hedin (b)
 Howard (b)
 Huxley
 Lumholtz (a)
 Lutz
 Lydekker (b) v.6
 Metcalf
 Morden (c)
 Murphy, R. C. (e)
 Sanderson
 *Schillings
 Sultan
 *Torday
 Tschudi
 Washburn
 Wellhouse
 Wells, C. (b)
 Zahm (b)
Ticks, Cattle Boophilus sp.
 Comstock (b)
Trilobite larvae Larva singularis
 Eland
 Mather (b)
 Mjoberg ch.18
 Vokes
Tsetse fly Glossina palpalis
 Alexander
 ***Andersson (a) p.468-71
 Baines
 Bland-Sutton
 *Bradley, M. H. (b)
 Brown, W. H.
 Bryden (d)
 Burnet
 Carpenter (d g h)
 Casati
 Clark, A. H. (c)
 Domville-Fife
 Finaughty
 *Gouldsbury (a b)
 Hamilton (b)
 Harrison (a)
 Hinde (b)
 Hodson
 Hubbard (a)
 Johnson, Martin (d)
 **Johnston, H. H. (e—1)
 Kerr
 Lankester (a)
 Lydekker (b) v.6
 Magee
 Makin
 *Maugham (c)
 Mecklenburg (c)
 Milligan
 Savile (a)
 *Schillings
 ***Selous, F. C.
 Smith, J. B.
 Snodgrass
 Sutherland
 Sykes
 Tangye (b)
 Torday (a b)

- Tsetse fly**—*Continued*
 Vandercook
 Wells, C. (b)
****Wells, J. W.**
 White
 Wilson, J. C.
 Wollaston
See also Hygiene;
 Sleeping sickness
- Tumble-bugs**
See Bug, Tumble
- Twig-pruner** *Elaphidion sp.*
 Fairchild, D. (g)
 Slingerland
- Walking stick**
See Phasmid
- Wasps** *Vespoidea*
 Andre
 Beebe, M. B.
 Clark, A. H. (b c)
 Comstock (a b)
 Coulter, J. G.
 Fabre (a b c d f h i l m)
 Fraser, J. B. (c)
 Hingston (d)
 Howard (b)
 Lankester (b)
 Lutz
***Lydekker** (b) v. 6
 Metcalf
 Sanderson
 Shipley
 Showalter (c)
 Smith, J. B.
 Snodgrass
 Snyder
 Thomas, B.
 Wallace
 Wellhouse
 Wheeler, W. M. (c)
 Wilcox
 Wisherd
 Zahm
- Wasp, Digger**
 Aaron (b)
- Wasp, Hunting** *Sphecidae*
 Fabre (a i k l)
- Wasp, Mason** *Eumenidae*
 Comstock
 Fabre
- Wasp, Spider** *Psammocharidae*
 Comstock
 Fabre
 Passmore, L.
 Wisherd
- Weevil** *Rhynchophora*
 Clark, A. H. (c)
 Comstock (a b)
 Essig
- Fabre (a b d f k m)
 Marlatt
 Metcalf
 Sanderson
 Wellhouse
- Weevil, Acorn** *Curculio sp.*
 Fabre (a k)
- Weevil, Corn**
 Fabre (k)
- Weevil, Cotton-boll** *Anthonomus grandis*
 Comstock
 Jaffee
 Howard (c)
 Marlatt
 Sanderson
 Ward, R. D.
 Washburn
- Weevil, Elephant** *Rhinastus sp.*
 Fabre (k)
- Weevil, Nut** *Curculio sp.*
 Fabre (a k)
 Smith, J. B.
- Weevil, Pea** *Bruchidae*
 Fabre (a k)
 Marlatt
 Smith, J. B.
- Worms**
 Baker, S. W. (a)
 Bruce
 Clark, A. H. (c)
 Comstock
 Fabre (a b)
 Fountain (d)
***Lydekker** (b) v. 6
 Metcalf
See also Grubs
- Worm, Acorn** *Balanoglossus kowalevskii*
 Mayer, A. G.
- Worm, Angle** *Lumbricus sp.*
 Walsh (d)
- Worm, Army** *Cirphis unipuncta*
 Comstock
 Essig
 Lutz
 Sanderson
 Washburn
- Worm, Boll** *Pectinophora gossypiella*
 Metcalf
 Smith, J. B.
- Worm, Book** *Sitodrepa panicea*
 Comstock
- Worm, Cabbage** *Pieris sp.*
 Clark, A. H. (c)
 Comstock
 Marlatt
 Wellhouse
- Worm, Caddis** *Trichoptera*
 Fabre (c)
- Worm, Canker** *Alsophila pometaria*
 Comstock
 Folsom
 Washburn
- Worm, Cut** (Larvae of *Noctuidae*)
 Comstock
 Essig
 Metcalf
 Sanderson
 Smith, J. B.
 Washburn
- Worm, Earth**
See Earthworm
- Worm, Glow** *Lampyridae*
 Clark, A. H. (c)
 Fabre (f)
- Worm, Gray**
 Fabre (d)
- Worm, Hook** *Ancylostoma* or *Necator*
 Clark, A. H. (c)
- Worm, Maguey** *Megathymus sp.*
 Corey, H. (a) p. 509
- Worm, Measuring** (Larva of *Geometridae*)
 Comstock (a b)
 Fabre (a c)
 Wellhouse
- Worm, Sand** *Nereis virens*
 Crowder (d)
- Worm, Ship** *Teredo sp.*
 Bartsch (b)
 Mayer, A. G.
- Worm, Silk** *Bombyx mori*
 Clark, A. H. (c)
 Fabre (a c h i k)
 Morden, F. H.
 Smith, J. B.
 Wellhouse
 Weston, H. F.
- Worm, Tape** *Cestoda*
 Clark, A. H. (c)
 Huxley
 Lankester (b)
 Mayer, A. G.
 Metcalf
 Wellhouse
- Worm, Lion**
 Wheeler, W. M. (b)
- Worm, Tiger**
 Wheeler, W. M.
- Yellow-jacket** *Vespula arenaria*
 Clark, A. H. (b c)
 Fairchild, D. (g)
 Wellhouse

Section 10. Division 2. Subdivision A. BUTTERFLIES

This division with many other popular ones is important in the expansion of the scope of the first edition of the *Natural History Index-Guide*. The material has received scientific treatment from Mr. Frank E. Watson, curator and field naturalist especially among butterfly species found in Florida, and the Latin has been checked in the Department of Entomology, American Museum of Natural History.

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BUTTERFLIES

Admirals *Basilarchia*

Fabre (c)
Hewes, L. I.
Holland (b)
Humphreys, H. N.
Schnack
Scudder (a b)
Weed (a b)

Admiral, Red *Vanessa atalanta*

Comstock (b)
Fabre (c)
Holland (b)
Humphreys, H. M.
Lutz
Scudder (a b)
Showalter (a)
Weed (a b)
Williams, C. B.

Admiral, White *Basilarchia*

arthemis
Holland (b)
Humphreys, H. N.
Schnack

Alaskan, Alpine *Erebia disa*

Holland (b)
Showalter (a)

Angle-wings *Grapta*

Holland (b)
Lutz
Weed (a b)

Apollo

Schnack

Argus

Humphreys

Beauty, Painted *Vanessa hun-*

tera
Scudder (a b)

Bird-winged *Ornithoptera pos-*

eidon
Barbour, T. (a)

Blue *Lycaenidae*

Essig
Holland (b)
Humphreys
Lutz
Robertson-Miller
Schnack
Scudder (a b)
Weed (a b)

Blue, Tailed *Lycaena comyn-*

tas
Holland
Lutz
Metcalf
Scudder (a b)
Weed (a b)

Brimstone

Schnack

Brush or Bush-footed *Nym-*

phalidae
Clark, A. H. (a)
Essig
Holland (b)

Buckeye *Junonia coenia*

Holland (b)
Lutz
Showalter (a)
Weed (b)

Cabbage *Pieris rapae*

Clark, A. H. (c)
Fabre (f h k m)
Folsom
French, G. H.
Humphreys
Lutz
Metcalf
Schnack
Scudder (a b)
Showalter (a)
Washburn
Weed (a b)
Wellhouse
Williams, C. B.

Calicoes *Ageronia*

Holland (b)

Camberwell beauty *Aglais an-*

tiopa
Essig
Lutz
Schnack

Checker-spots *Euphydryas*

phacton
Hewes, L. I.
Weed (a b)

Comma or Hop merchant

Polygonia comma
Humphreys
Lutz
Scudder (a b)
Weed (a b)

Comma, Wandering *Polygonia*

satyrus
Holland (b)
Lutz
Robertson-Miller
Showalter (a)

Compton tortoise *Aglais j-*

album
Scudder (a b)
Showalter (a)
Weed (a b)

Copper *Lycaenidae*

Clark, A. H. (a)
Essig
Holland (b)
Humphreys
Lutz
Showalter (a)
Weed (a b)

Copper, American *Heodes hy-*

pophlaeas
Holland (b)
Scudder (a b)
Showalter (a)
Weed (a b)

Copper, Bronze *Heodes thoe*

Holland (b)
Lutz
Showalter (a)
Weed (a b)

Crescent, Silver *Charidryas*

nycteis
Lutz
Scudder (a b)

Crimson-patch *Synchlœ janais*

Showalter (a)

Dagger-wing, Many banded

Athena chiron
Holland (b)
Williams, C. B.

Dog's-head *Zerene caesonia*

Showalter (a)
Weed (a b)

Dusky-wing, Juvenal's

Thanaos juvenalis
Holland (b)
Scudder (a b)
Weed (a b)

Emperors *Chlorippe*

Holland (b)
Schnack
Weed (a)

Eyed Brown *Satyrodes can-*

thus
Scudder (a b)
Weed (a b)

Fritillaries

Humphreys
Schnack
Showalter
Weed

Fritillary, Brown *Argynnis cy-*

bele
Fairchild, D. (g)
Holland (b)
Humphreys

Fritillary, Diana *Argynnis*

diana
Showalter (a)
Weed (a b)

Fritillary, Gulf *Dione vanillae*

Essig
Lutz
Robertson-Miller
Weed (a b)
Williams, C. B.

Fritillary, Leto *Argynnis leto*

Showalter (a)

Fritillary, Regal *Argynnis*

idalia
Lutz

Grayling *Cercyonis alope*

Scudder (a b)
Showalter (a)
Weed (a b)

Hairstreak *Lycaenidae*

Holland (b)
Humphreys
Scudder (a b)
Weed (a b)

Hairstreak, Greatpurple *At-*

lides halesus
Essig
Holland (b)
Lutz
Showalter (a)
Weed (a b)

Heath

Humphreys

Heliconians *Heliconius*

Clark, A. H. (a)
Holland (b)
Weed (a b)

- Hesperiidae**
 Essig
- Hop merchant**
 See Comma
- Leaf** *Kallima albofasciata*
 Clark, A. H. (a)
- Map** *Cyrestis*, etc.
 Clark, A. H. (a)
- Jetal-marks** *Riodinidae*
 Clark, A. H.
 Holland (b)
 Lutz
 Weed (a b)
- Milkweed**
 Essig
 Metcalf
- Monarch, Milkweed** *Anosia plexippus*
 Clark, A. H. (a)
 Holland (b)
 Lutz
 Metcalf
 Scudder (a b)
 Showalter (a)
 Weed (a b)
 Williams, C. B.
- Mourning-cloak** *Aglais antiopa*
 Holland (b)
 Robertson-Miller
 Scudder (a b)
 Showalter (a)
 Weed (a b)
 See also Camberwell beauty
- Orange-tips** *Euchloe*
 Holland (b)
 Humphreys
 Schnack
 Weed (a b)
- Painted lady** *Vanessa cardui*
 Holland (b)
 Humphreys
 Lutz
 Robertson-Miller
 Schnack
 Scudder (a b)
 Weed (a b)
 Williams, C. B.
- Parnassian** *Parnassius smintheus*
 Holland (b)
 Showalter (a)
 Weed (a b)
- Peacock**
 Schnack
- Portia** *Anaca portia*
 Holland (b)
 Showalter (a)
- Purples** *Basilarchia*
 Holland (b)
 Scudder (a b)
 Weed (a b)
- Queen** *Anosia berenice*
 Holland (b)
- Red, Banded** *Hypanartia*
 Holland (b)
- Red-horns**
 See Yellow
- Satyr** *Satyrus*
 Holland (b)
 Weed (a b)
- Satyr, Arctic** *Oeneis jutta*
 Weed (a b)
- Satyr, Carolina** *Cissia sosybius*
 Holland (b)
 Weed (a b)
- Satyr, Georgia** *Neonympha phocion*
 Holland (b)
 Weed (a b)
- Short-tail** *Papilio indra*
 Hewes, L. I.
 Weed (a b)
- Silver-spot** *Argynnis behrensii*
 Hewes, L. I.
 Holland (b)
 Lutz
 Scudder (a b)
 Weed (a b)
- Skipper** *Hesperiidae*
 Clark, A. H. (a)
 Essig
 Holland (b)
 Humphreys
 Metcalf
 Scudder (a b)
 Showalter (a)
 Weed (a b)
 Williams, C. B.
- Skipper, Arctic** *Cartrocephalus palaemon*
 Holland (b)
 Showalter (a)
- Skipper, Brazilian** *Calpodus cithlius*
 Holland (b)
 Showalter (a)
 Williams, C. B.
- Skipper, Broad-winged** *Phycanassa viator*
 Holland (b)
- Skipper, Bronze** *Amblyscirtes acinus*
 Holland (b)
- Skipper, Canadian** *Erynnis manitoba*
 Holland (b)
- Skipper, Carolina** *Lerema carolina*
 Holland (b)
- Skipper, Hobomok** *Poanes hobomok*
 Holland (b)
 Showalter (a)
- Skipper, Least** *Ancyloxypha numitor*
 Scudder (a b)
 Showalter (a)
 Weed (a b)
- Skipper, Long-tail** *Goniurus protus*
 Holland (b)
 Showalter (a)
 Weed (a b)
- Skipper, Silver-spotted** *Epargyreus tityrus*
 Holland (b)
 Scudder (a b)
 Showalter (a)
 Weed (a b)
- Skipper, Tessellated** *Pyrgus tessellata*
 Showalter (a)
- Skipper, Two-banded** *Hesperia caespitalis*
 Holland (b)
- Snout** *Libythea bachmani*
 Comstock
 Holland (b)
 Lutz
 Weed (b)
 Williams, C. B.
- Sphinx, Giant** *Cocytius antaeus*
 Grimshaw (b)
- Sulphur** *Pierinae*
 Comstock
 Essig
 Holland (b)
 Lutz
 Scudder (a b)
 Showalter (a)
 Weed (a b)
- Sulphur, Arctic** *Colias nastes*
 Holland (b)
- Sulphur, Clouded** *Eurymus phlodice*
 Comstock
 Scudder (a b)
 Showalter (a)
 Weed (a b)
- Sulphur, Cloudless, Traveling** *Catopsilia cubule*
 Comstock
 Holland (b)
 Scudder (a b)
 Showalter (a)
 Weed (a b)
 Williams, C. B.
- Sulphur, Embossed white** *Phorbis statira*
 Williams, C. B.
- Sulphur, Large orange or yellow** *Catopsilia agarithe*
 Holland (b)
 Showalter (a)
 Weed (a b)
 Williams, C. B.
- Sulphur, Orange** *Eurymus erytheme*
 Holland (b)
 Scudder (a b)
 Showalter (a)
 Weed (a b)
- Swallow-tail** *Papilionidae*
 Clark, A. H. (a)
 Essig
 French, G. H.
 Hewes, L. I.
 Holland (b)
 Humphreys
 Lutz
 Robertson-Miller
 Schnack
 Scudder (a b)
 Showalter (a)
 Weed (a b)
 Wellhouse
 Williams, C. B.

- Swallow-tail, Alaskan** *Papilio aliaska*
Holland (b)
- Swallow-tail, Black** *Papilio polyxenes*
Metcalf
Robertson-Miller
Scudder (a b)
Showalter (a)
Weed (a b)
- Swallow-tail, Giant** *Papilio cresphontes*
Hewes, L. I.
Holland (b)
Lutz
Robertson-Miller
Showalter (a)
- Swallow-tail, Tiger** *Papilio glaucus*
Clark, A. H. (a)
Comstock
Hewes, L. I.
Holland (b)
Scudder (a b)
Showalter (a)
Weed (a b)
- Swallow-tail, Zebra** *Papilio marcellus*
Clark, A. H. (a)
Robertson-Miller
Scudder (a b)
Showalter (a)
Weed (a b)
- Tailed Blue**
See Blue, Tailed
- Titus or Coral hair-streak** *Thecla titus*
Holland (b)
Scudder (a b)
- Tortoise-shell** *Aglais californica*
Hewes, L. I.
Holland (b)
- Humphreys
Lutz
Schnack
Scudder (a b)
Weed (a b)
Williams, C. B.
- Viceroy** *Basilarchia archippus*
Hewes, L. I.
Holland (b)
Lutz
Scudder (a b)
Weed (a b)
- Wanderer** *Feniseca tarquinius*
Holland (b)
Scudder (a b)
Showalter (a)
Weed (a b)
See also Harvester
- White** *Pieris*
Fabre (k)
Essig
Holland (b)
Humphreys
Lutz
Scudder (a b)
Weed (a b)
Williams, C. B.
- White, Cabbage** *Pieris rapae*
Holland (b)
Humphreys
Weed (a b)
- White, California** *Pieris sisymbri*
Holland (b)
- White, Checkered or Common** *Pieris protodice*
Holland (b)
Lutz
- White, Great Southern** *Pieris monuste*
Holland (b)
Weed (a b)
Williams, C. B.
- White mountain** *Oeneis semi-dea*
Showalter (a)
Weed (a b)
- Witch, Black** *Erebus odora*
Grimshaw (b)
- Wood-nymph, Clouded** *Satyrus alope*
Holland (b)
- Wood-nymph, Common** *Satyrus alope*
Holland (b)
Lutz
- Wood-satyr, Little** *Cissia curytus*
Lutz
Scudder (a b)
Showalter (a)
Weed (a b)
- Yellow, Clouded** *Colias croceus*
Williams, C. B.
- Yellow, Clouded, Pale** *Colias hyale*
Humphreys
Williams, C. B.
- Yellow, Dwarf** *Nathalis iole*
Holland (b)
- Yellow, Fairy** *Terias jucunda*
Holland (b)
- Yellow, Little** *Terias lisa*
Weed (a b)
Williams, C. B.
- Yellow, Mexican** *Terias mexicana*
Holland (b)
- Zebra, The** *Heliconius charithoma*
Holland (b)
Lutz
Weed (a b)
- Zephyr, The** *Grapta zephyrus*
Holland (b)

Section 10. Division 2. Subdivision B. MOTHS

This division is a new one for the *Index-Guide* and has received editorial treatment from Mr. Frank E. Watson especially as to the Latin subject-headings in their scientific relation to the butterfly species, and has been checked in the Department of Entomology, American Museum of Natural History.

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MOTHS

Acraea-moth <i>Estigmene acraea</i>	Cutworm, Variegated <i>Peridroma margaritosa</i>	Imperial moth <i>Eacles imperialis</i>
Holland (c)	Showalter (a)	Holland (c)
Showalter (a)	Showalter (a)	Lutz
Arachnis, Painted <i>Arachnis picta</i>	Dagger, American <i>Apatela americana</i>	Showalter (a)
Holland (c)	Holland (c)	Io-moth <i>Hyperchiria io</i>
Showalter (a)	Lutz	Comstock (b)
Arctia, Americana	Emperor moth	Holland (c)
Holland (c)	Hingston (d)	Showalter (a)
Showalter (a)	Schnack	Lappet
Black-witch moth <i>Erebus odora</i>	Washburn	Schnack
Grimshawe (b)	Forester, Two-spotted <i>Alypiodes bimaculata</i>	Leopard moth <i>Ecpantheria de-florata</i>
Bramble	Holland (c)	Felt
Schnack	Grain moth	Holland (c)
Brown-tail moth	Marlatt	Lutz
Holland (c)	Gypsy-moth <i>Porthetria dispar</i>	Metcalf
Howard, L. O. (a)	Clark, A. H. (c)	Showalter (a)
Jaffee	Coulter, J. G.	Lichen moth, Crimson-bodied
Lutz	Folsom	<i>Lerema incarnata</i>
Marlatt	Hingston (d)	Holland (c)
Pack	Holland (c)	Showalter (a)
Slingerland	Howard, L. O. (a b)	Luna moth <i>Actias luna</i>
Ward, R. D.	Jaffee	Felt
Washburn	Lutz	Holland (c)
Buck-moth <i>Hemileuca maia</i>	Marlatt	Showalter (a)
Holland (c)	Metcalf	Snodgrass
Metcalf	Pack	Maple moth, Rosy <i>Amsota rubicunda</i>
Showalter (a)	Sanderson	Holland (c)
Buck-moth, Nevada <i>Hemileuca nevadensis</i>	Slingerland	Showalter (a)
Felt	Washburn	Mexicana <i>Cirrhobolma</i>
Holland (c)	Hag moth <i>Phobetron pithecium</i>	Holland (c)
Showalter (a)	Felt	Showalter (a)
Buck-moth, Tricolor <i>Hemileuca tricolor</i>	Hingston (d)	Midget, Festive <i>Ohqua festi-voides</i>
Holland (c)	Lutz	Holland (c)
Showalter	Metcalf	Milkweed moth <i>Euchactias eglet</i>
Caterpillar, Range <i>Hemileuca oliviae</i>	Halisidota, Big <i>Halisidota insignis</i>	Showalter (a)
Showalter	Showalter (a)	Neighbor, The <i>Ilaploa contigua</i>
Clear-wing, Humming-bird <i>Haemorrhagia thysbe</i>	Halisidota, Spotted <i>Halisidota maculata</i>	Holland (c)
Holland (c)	Holland (c)	Nymph, Wayward <i>Catocala antynympha</i>
Showalter	Showalter (a)	Holland (c)
Clear-wing, Snowberry <i>Haemorrhagia diffinis</i>	Hawk moth <i>Sphinxgidae</i>	Pamina moth <i>Hyperchiria pamina</i>
Holland (c)	Coulter, J. G.	Holland (c)
Showalter (a)	Holland	Showalter (a)
Clio moth <i>Euxerina clio</i>	Lutz	Pandora moth <i>Coloradia pandora</i>
Holland (c)	Sanderson	Holland (c)
Clothes moth <i>Tineola biselliella</i>	Schnack	Showalter (a)
Clark, A. H. (c)	Showalter	Polyphemus moth <i>Telea polyphemus</i>
Fabre (b h)	Hawk, Five-spotted <i>Protoparce quinquemaculata</i>	Holland (c)
Holland (c)	Holland (c)	Showalter (a)
Lutz	Robertson-Miller	Quaker, Rustic <i>Orthodes crenulata</i>
Metcalf	Showalter (a)	Holland (c)
Smith, J. B.	Holomelina, Showy <i>Eubaphe ostenta</i>	Regal moth <i>Citheronia regalis</i>
Washburn	Holland (c)	Comstock (b)
Colona moth <i>Haploa colona</i>	Showalter (a)	Holland (c)
Holland (c)	Holomelina, Tawny <i>Holomelina opella</i>	Lutz
Showalter (a)	Holland (c)	Saturnian <i>Saturniidae</i>
Cotton-worm moth <i>Alabama argillacea</i>	Honey-locust moth <i>Adeloccephala bicolor</i>	Schnack
Holland (c)	Holland (c)	
Williams, C. B.	Showalter (a)	

- Silk-moth, Ailanthus** *Samia cynthia*
 Hingston (d)
 Holland (c)
 Lutz
 Showalter (a)
- Silk-moth, Mendocino** *Saturmia mendocino*
 Holland (c)
 Lutz
 Showalter (a)
- Silk-moth, Spice-bush** *Callosamia promethea*
 Fabre (i)
 Holland (c)
 Showalter (a)
- Sphinx**
 Holland (c)
 Lutz
 Showalter (a)
- Sphinx, Abbot's** *Sphæcodina abboti*
 Holland (c)
 Showalter (a)
- Sphinx, Achemon** *Pholus achemon*
 Holland (c)
 Showalter (a)
- Sphinx, Alope** *Erinnyis alope*
 Holland (c)
 Showalter (a)
- Sphinx, Big Poplar** *Pachysphinx modesta*
 Holland (c)
 Showalter (a)
- Sphinx, Blinded** *Paonias excacata*
 Holland (c)
 Showalter (a)
- Sphinx, Hog** *Ampeloeca myron*
 Holland (c)
 Lutz
 Showalter (a)
- Sphinx, Hydrangea** *Ampeloeca versicolor*
 Holland (c)
 Showalter (a)
- Sphinx, Lesser vine** *Pholus fasciatus*
 Holland (c)
 Showalter (a)
- Sphinx, Lettered** *Deidamia inscripta*
 Holland (c)
 Showalter (a)
- Sphinx, Morning** *Celerio lineta*
 Johnson, E. N.
- Sphinx, Nessus** *Amphion nessus*
 Holland (c)
 Showalter (a)
- Sphinx, Satellite** *Pholus satellita*
 Holland (c)
 Showalter (a)
- Sphinx, Striped Morning** *Celerio lineata*
 Holland (c)
 Lutz
 Showalter (a)
- Sphinx, Tersi** *Xylophanes tersa*
 Holland (c)
 Showalter (a)
- Stigma moth** *Anisota stigma*
 Showalter (a)
- Tigers** *Arctidae*
 Holland (c)
 Lutz
 Robertson-Miller
 Schnack
 Showalter (a)
- Tiger-moth, Isabella** *Isia isabella*
 Hingston (d)
 Holland (c)
 Showalter (a)
- Tiger-moth, Mexican** *Apan-tesis proxima*
 Comstock (a b)
 Fabre (i)
 Holland (c)
 Showalter (a)
- Tiger-moth, St. Lawrence** *Hyphoraia parthenos*
 Holland (c)
 Showalter (a)
- Tiger-moth, Ranchman** *Platyproctia virginialis*
 Holland (c)
 Showalter (a)
- Tiger-moth, Virgin** *Apantesis virgo*
 Holland (c)
 Showalter (a)
- Under-wing, Clouded locust** *Euparthenos nubilus*
 Holland (c)
 Showalter (a)
- Under-wing, Darling** *Catocala cara*
 Holland (c)
 Showalter (a)
- Under-wing, Ultronia** *Catocala ultronia*
 Holland (c)
 Showalter (a)
- Under-wing, White birch** *Catocala relictia*
 Showalter (a)
- Utetheisa, Beautiful** *Utetheisa bella*
 Holland (c)
 Showalter (a)
- Utetheisa, Ornamented** *Utetheisa ornatrix*
 Holland (c)
- Veneer, Rush** *Nemophila noctuella*
 Williams, C. B.
- Walnut-moth, Royal** *Citheronia regalis*
 Comstock (b)
 Holland (c)
 Robertson-Miller
 Showalter (a)
See also Regal moth
- Wasp moth**
 Holland (c)
- Web-worm, Fall** *Hyphantria cunea*
 Holland (c)
 Showalter (a)
- Web-worm, Parsnip** *Depressaria*
 Holland (c)
- Wood-nymph, Beautiful** *Euthysanotia grata*
 Holland (c)
- Yellow, Silver** *Plusia gamma*
 Williams, C. B.

Section 10. Division 3. MARINE LIFE

This division has received editorial treatment, especially in selection of authorities, classification of species and assignment of Latin names, by Dr. Waldo L. Schmitt and his associate, Mr. C. R. Shoemaker, members of the staff of the U.S. National Museum and authorities on marine invertebrates.

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MARINE LIFE

- Amphipods**
Miner, R. W. (d)
- Anemone, Sea *Sagartia leucon***
Arnold
Barrett, C.
Beebe, W. (g)
Calman
Clark, A. H. (c)
Crowder (d)
Ealand
Fabre (c)
Hathaway
Holder, C. F. (f)
Johnson and Snook
Lull (a)
Mayer, A. G.
Miner, R. W. (a b)
Schmitt (b)
Wilson
See also Sea Chrysanthemum
- Balanoglossus**
Stebbing, T. R. R.
See also Worms
- Barnacles**
Arnold
Calman
Heron-Allen
Johnson and Snook
Wilson
- Barnacles, Rock *Balanus balanoides***
Clark, A. H. (c)
Fabre (c)
Mayer, A. G.
Miner, R. W. (a)
Schmitt (b)
- Beach fleas**
Arnold
Calman
Richards
- Bivalves**
See Oyster
- Carp lice**
Calman
- Chrysanthemum, Sea *Metridium marginatum***
Miner, R. W. (a)
- Clams**
Allee
Clark, A. H. (c)
Crowder (d)
Fabre (k)
Johnson and Snook
Mayer, A. G.
Miner, R. W. (d)
- Clam, Giant *Tridacna gigas***
Barrett, C.
Beebe, W. (g)
Borah
Comstock (b)
Miner, R. W. (d)
Monfried
- Clam, Razor-shell *Ensis americanus***
Mayer, A. G.
Miner, R. W. (a)
- Clamworm *Nereis virens***
Miner, R. W. (a)
- Conch**
Miner, R. W. (c)
- Copepods**
Miner, R. W. (d)
Schmitt (b)
- Corals**
Alcock
Crowder (d)
Johnson and Snook
Mayer, A. G.
Miner, R. W. (a b)
Tressler
Wilson
- Coral, Brain**
Arnold
Beebe, W. (g)
Miner, R. W. (d)
- Coral, Commercial *Corallium rubrum***
Miner, R. W. (b)
- Coral polyps**
Miner, R. W. (b)
- Coral, Radiant star *Siderastraea radians***
Miner, R. W. (b)
- Coralline *Coralline officinalis***
Miner, R. W. (a)
See also Hydrocorallines
- Crab**
Adams, M. P. G.
Alcock
Allee
Arnold
Beebe, W. (g)
Borah
Calman
Clark, A. H. (c)
Corey, H. (e)
Crowder (c d)
Fabre (f)
Johnson and Snook
Huxley
Mayer, A. G.
Miner, R. W. (a c)
Murphy, R. C. (d)
Olcott, C. S.
Richards
Schmitt (b)
Stebbing, T. R. R.
Tressler
Walmsley
Wilson
- Crab, Blue *Callinectes sapidus***
Arnold
Beebe, W. (g)
Crowder (c)
Mayer, A. G.
- Crab, Fiddler *Uca minax***
Alcock
Arnold
Crowder (c d)
Schmitt (b)
Stebbing, T. R. R.
- Crab, Fiery-red; Scarlet tissue crab *Scrapus grapsus***
Beebe, W. (c)
Von Hagen (c)
- Crab, Giant**
Arnold
Calman
- Crab, Hermit *Pagurus longicarpus***
Alcock
Calman
Clark, A. H. (c)
Crowder (c d)
Fairchild, D. (a)
Gardner, I. C.
Mayer, A. G.
Richards
Schmitt (b)
Stebbing, T. R. R.
Treat, I.
Wilson
- Crab, Jonah *Cancer borealis***
Mayer, A. G.
Miner, R. W. (a)
- Crab, King *Limulus polyphemus***
Johnson and Snook
Miner, R. W. (a)
- Crab, Lady *Ovalipes ocellatus***
Crowder (d)
Mayer, A. G.
Miner, R. W. (a)
Stebbing, T. R. R.
- Crab, Land**
Calman
- Crab, River**
Calman
- Crab, Robber *Birgus latro***
Alcock
Clark, A. H. (c)
Crowder (d)
Ealand
Mayer, A. G.
Price, W.
Schmitt (b)
Stebbing, T. R. R.
- Crab, Rock *Cancer irroratus***
Crowder (c d)
Mayer, A. G.
Miner, R. W. (a)
Schultz
- Crab, Sand**
Arnold
- Crab, Siberian**
Crowder (c)
- Crab, Soft-shell**
Schmitt (b)
- Crab, Soldier**
Adams, M. P. G.
Schmitt (b)
- Crab, Spider *Libinia dubia***
Calman
Crowder (c d)
Mayer, A. G.
Schmitt (b)
Stebbing, T. R. R.
- Crinoids**
Alcock
Arnold
Johnson and Snook

Crinoids—Continued

Tressler
Vokes

Crustaceans

Alcock
Johnson
Mecking
Schmitt (b)
Smith, H. M. (h)
Snodgrass (b)
Stebbing, T. R. R.
Wilson
See also Crabs, Crayfish,
Shrimps, Lobsters, In-
vertebrates

Decapoda

Bartsch (b)
Calman

Devil's apron strings *Laminaria agardhii*

Miner, R. W. (a)

Dianthus, Sea *Hydroides dianthus*

Miner, R. W. (a)

Echinoderms *Echinodermata*

Alcock
Arnold
Johnson and Snook
Wilson

See also Starfish; Sea urchins; Crinoids and Holothurians

Fan, Sea

Beebe, W. (g)

Fish lice

Calman
Johnson and Snook
Wilson

See also Isopoda

Gastropoda

Johnson and Snook

Holothurians

Alcock
Arnold
Johnson and Snook
Wilson

Hydroids, Pink-hearted *Tubularia crocea*

Miner, R. W. (a)

Invertebrates

See Insects

Iodine

See Geology

Irish-moss *Chondrus crispus*

Miner, R. W. (a)

Isopods *Isopoda*

Arnold
Calman
Johnson and Snook

Jellyfish, Red-rayed *Dactylo-metra quinquecirrha*

Allee
Calman
Miner, R. W. (a)
See also Fishes

Kelp

Arnold
Johnson and Snook
Tressler

Langoustas

Smith, H. M. (h)

Leeches

Brandes
Clark, L.
Fabre (l)
Talman (a)

Lobsters

Adams, H. C. (b)
Allee
Calman
Clark, A. H. (c)
Comstock
Johnson and Snook
Mayer, A. G.
Richards
Schmitt (a b)
Schultz
Smith, H. M. (h)
Stebbing, T. R. R.
Tressler
Walmsley
Wilson

Lobster, American *Homarus americanus*

La Gorce (a)

Lobster, Spring or Crawfish *Panulirus americanus*

Beebe, W. (f)
Mowbray

Mollusks *Mollusca*

Alcock
Arnold
Bartsch (b)
Clark, A. H. (c)
Fabre (l)
Herdman
Johnson and Snook
Mayer, A. G.
Miner, R. W. (d)
Murphy, R. C. (f)
Olsson-Seffer, H.
Wilson

See also Oyster; Octopus; Squid; Snail; Invertebrates; Decapods

Moose-antler

Beebe, W. (g)

Mussels *Mytilidae*

Allee
Arnold
Burg, A. (c)
Chalmers, H. C. (b)
Clark, A. H. (c)
Crowder (d)
Fabre (c)
Herdman
Johnson and Snook
Mayer, A. G.
Richards
Wilson

Mussels, Black *Mytilus edulis*

Miner, R. W. (a)

Mussels, Horse *Modiola modiola*

Miner, R. W. (a)

Nautilus

Arnold
Crowder (d)
Fabre (l)
Holder, C. F. (f)
Huxley
Johnson and Snook
Mayer, A. G.

Noctiluca

Crowder (b)

Octopus

Allee
Arnold
Bartsch (b)
Beebe, W. (g)
Clark, A. H. (c)
Fabre (f)
Johnson and Snook
Lanckester (a)
Mayer, A. G.
Miner, R. W. (d)
Richards
Smith, H. M. (h)
Tressler
Williams, M. O. (b)
Wilson

Oyster, Pearl *Avicula margaritifera*

Adams, H. C. (b)
Adams, M. P. G
Arnold
Bartsch (b)
Clark, A. H. (c)
Crowder (d)
LaGorce (b)
Mayer, A. G.
Graves, R. A. (b)
Herdman
Huxley
Johnson and Snook
Miner, R. W. (c)
Richards
Smith, H. M. (d f l)
Wilson
Woelf, B. S

Oyster-drill *Urosalpinx cinereus*

Miner, R. W. (a)

Pearls

Tressler

Periwinkle

Clark, A. H. (c)
Crowder (d)
Richards
Wilson

Periwinkle, Black acorn shell *Littorina saxatilis*

Miner, R. W. (a)

Periwinkle, Common *Littorina littorea*

Miner, R. W. (a)

Periwinkle, Lesser *Littorina obtusata*

Miner, R. W. (a)
Walmsley

Plankton

Calman
Crowder (b)
Elliot, G. F. S. (b)
Herdman
Johnson and Snook
Tressler

Pompon-weed *Polysiphonia fastigiata*

Miner, R. W. (a)

Prawn, Common *Palaemonetes vulgaris*

Calman

- Crowder (d)
Mayer, A. G.
Schultz
Wilson
- Protozoa**
Alcock
Arnold
Calman
Crowder (b)
Herdman
Johnson and Snook
Wilson
- Rock-weed** *Fucus vesiculosus*
Miner, R. W. (a)
- Sand-bug** *Hippa talpoda*
Mayer, A. G.
- Sand dollar, Hopper**
Arnold
Johnson and Snook
Metcalf
See also Amphipods; Sea urchin
- Sand, Beach, fleas** *Talorchestia longicornis*
Essig
Johnson and Snook
Metcalf
See also Amphipods
- Scallops** *Pecten*
Bartsch (b)
Huxley
Mayer, A. G.
- Sea-anemone**
See Anemone, Sea
- Sea biscuit**
See Sea urchin
- Sea cucumber** *Holothuroidea*
Allee
Arnold
Bradley, J. H. (b)
Clark, A. H. (c)
Crowder (d)
Ealand
Holder, C. F. (f)
Johnson and Snook
Mayer, A. G.
Wilson
See also Sea-slugs
- Sea flowers**
Holder, C. F. (f)
- Sea-grapes** *Molgula manhatensis*
Miner, R. W. (a)
- Sea horse**
Beebe, W. (g)
Crowder (d)
Hildebrand, S. F.
Wilson
See also Fish
- Sea iguana** *Amblyrhynchus*
Slevin
Von Hagen (d)
- Sea-lilies**
Alcock
Arnold
Johnson and Snook
Vokes
See also Crinoids
- Sea-nettles**
Miner, R. W. (c)
- Sea peach** *Cynthia pyramiformis*
Arnold
Clark, A. H. (c)
Miner, R. W. (a)
- Sea-pork, Pink** *Amaroucium pellucidum*
Miner, R. W. (a)
- Sea-serpents, Snakes**
Alcock
Bartsch (b)
Hildebrand, S. F.
See also Squids, Giant
- Sea-slugs** *Nudibranchiata*
Arnold
Barrett, C.
Gordon, M.
Johnson and Snook
Mayer, A. G.
Mjoberg p.16
- Sea spiders**
Johnson and Snook
Wilson
- Sea squirts**
Arnold
Johnson and Snook
Wilson
- Sea stars**
Miner, R. W. (d)
- Sea-urchin** *Echinodermata*
Agassiz, E. C. (b)
Alcock
Allee
Altenburg
Arnold
Beebe, W. (g)
Belling
Bradley, J. H. (b)
Burnet, Dr.
Calman
Clark, A. H. (c)
Crowder (d)
Ealand
Fabre (k)
Johnson and Snook
Lull (a)
Mayer, A. G.
Metcalf
Murphy, R. C. (f)
Richards
Smith, H. W. (a)
Wilson
- Sea-vase** *Ciona intestinalis*
Miner, R. W. (a)
- Sea vine**
Holder, C. F. (f)
- Sea weeds**
Tressler
Vokes
Wilson
- Seaweed, Duise** *Rhodomenia palmata*
Miner, R. W. (a)
- Shrimps** *Crango migracauda*
Arnold
Bartsch (b)
Calman
Clark, A. H. (c)
Comstock (b)
Crowder (d)
Ealand
Graves, R. A. (b)
- Huxley
Johnson and Snook
Mayer, A. G.
Schultz
Smith, H. M. (h)
Richards
Tressler
Wilson
- Shrimps, Mole** *Hippa talpoda*
Miner, R. W. (a)
- Slugs** *Gastropoda*
Bartsch (b)
Beebe, W. (b)
Clark, A. H. (c)
Ealand
Essig
Fabre (a c f)
Fountain (d)
Lydekker (b) v.6
Mayer, A. G.
Metcalf
Shipley
Wilson
- Snails** *Gastropoda*
Bartsch (b)
Beebe, W. (b)
Clark, A. H. (c)
Crowder (d)
Ealand
Fabre (a b c f h i k l)
Fountain (d)
Huxley
Lankester (b)
*Lydekker (b) v.6
Mayer, A. G.
- Snail, Edible**
Allee
Beebe, W. (f g)
Costa
Fabre (i m)
Holding p.473
Miner, R. W. (a)
Shipley
Vialles
Vokes
- Snail, Giant**
Bailey, A. H.
- Snail, Sand-collar** *Lunatia heros*; now *Polynices h.*
Miner, R. W. (a)
- Sponges** *Porifera*
Alcock
Allee
Arnold
Calman
Clark, A. H. (c)
Crowder (d)
Fabre (c)
Gifford, J.
Johnson, F. E. (b)
Johnson and Snook
Mayer, A. G.
Miner, R. W. (a c)
Schmitt (b)
Tressler
Vokes
Wilson
- Sponge, Crum-of-bread** *Halichondria panicea*
Miner, R. W. (a)

- Sponge, Dead-man's fingers** *Chalina arbuscula*
Miner, R. W. (a)
- Sponge, Eyed, Finger** *Chalina oculata*
Miner, R. W. (a)
- Sponge, Sulphur** *Cliona sulphurea*
Miner, R. W. (a)
- Squids** *Loligo pealii*
Bartsch (b)
Beebe, W. (f)
Clark, A. H. (c)
Crowder (d)
Fabre (f)
Huxley
Johnson and Snook
Mayer, A. G.
Miner, R. W. (a d)
Pidgeon
Richards
Smith, H. M. (g)
Tressler
Wilson
- Squids, Giant**
Bartsch (b)
- Squirts, Sea**
Allee
Clark, A. H. (c)
Crowder (d)
Mayer, A. G.
- Tadpoles**
See Amphibians
- Trepang**
See Sea-slugs; Sea cucumber
- Tunicate, Snowy** *Leptoclinum albidum*
Miner, R. W. (a)
- Unicorn bryozoan** *Schizoporella unicornis*
Miner, R. W. (a)
- Venus girdle** *Cestus veneris*
Miner, R. W. (c)
- Water fleas**
Calman
- Whale lice** *Amphipoda, Cyanus boopis*
Calman
- Whelks**
Arnold
- Johnson and Snook
Richards
Tressler
Wilson
- Whelk, Common dog** *Thais lapilla*
Miner, R. W. (a)
- Whelk, Furbelow** *Buccinum undatum*
Mayer, A. G.
Miner, R. W. (a)
- Wood lice**
Calman
- Worm, Plumed** *Diopatra cupraea*
Miner, R. W. (a)
- Worm, Scale** *Polynoe squamata*
Miner, R. W. (a)
- Worm, Ornate** *Amphitrite ornata*
Miner, R. W. (a)
- Worm, Sand-building** *Sabellaria vulgaris*
Miner, R. W. (a)

Section 10. Division 4. FISHES

This division has received editorial treatment, especially in the correct application of the Latin or scientific terms, from Dr. Leonard P. Schultz, Curator, Division of Fishes in the United States National Museum. Dr. Schultz is an authority on fishes, especially the game and food species found in the Western Waters and the Pacific Ocean. References are made to two of his articles on these subjects published in the recent issues of the *National Geographic Magazine* and included in the bibliographies of the *Index-Guide*.

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Following is a more extended list, selected from the general bibliography, Section 15, of authors and authorities, who have written about fish as a result of personal observations in natural history field experience.

- | | | |
|--------------------------------|------------------------|----------------------|
| *Agassiz (b) | Gosse | Parry |
| Alcock | Grenfell ch.9, 10 | Patilla |
| Annixter | ***Guillemard (a b) | Payer |
| Aristotle | Hall, C. F. (a) | Peel (b) |
| Ballantyne (b) | *Hamilton, J. S. (a b) | Pontoppidan |
| Beddard (whale) | ***Hardy, C. | Rathbone |
| Bowden (Norway) | Hartley | Revoil |
| Bradford | Henshall | Richardson, J. |
| ***Burton, R. F. (i) | Herdman | Robinson, B. C. |
| Burton, R. G. | Hutchinson, H. G. | Ross, A. |
| Caine | **Jackson, F. G. | Samuels, E. A. (a) |
| Calman | Johnson and Snook | Sandys |
| Camp | King, W. R. | Schwatka (c) |
| Coates | *Lawson | Smith, O. W. |
| Colquhoun | ***Mackenzie, A. | Stefansson |
| Comeau (a) | Manley | Tangye (b) |
| Cumming, C. F. G. (c) | Mann | Thompson, J. A. |
| Daglish (a) | Mayer | Tressler |
| *Durand | Milford | Turner |
| ***Evermann (a b) | ***Nansen (a-g) | *Van Dyke, T. S. (b) |
| Forbes | Newland, H. | Watson |
| *Gathorne-Hardy, A. E. (a b c) | ***Nordenskiold | Wilson, D. P. |
| Gordon, M. | Norris | Wise |
| | Outram | *Woodroffe |

FISHES

Aguja or Agu

Goode

Holder (e)

See also Ayu; Cuba;
Spear-fish

Albacore *Germa alalunga*

Goode

Grey

***Holder (e)

**Jordan, D. S. (a)

*Meek

Norman (a b)

Pidgeon

Roule (b)

Schultz

Scott

Simmons

Thompson

Villiers (b)

Walford

Alewife *Pomolobus*, etc.

Beebe, W.

Goode

Hildebrand

Jordan, D. S. (a)

LaGorce (a)

Meek

Miner, R. W. (a)

See also Bermudas;

Pompano

Amber-fishes *Seriola*, etc.

Beebe, W.

Goode

Holder

Jordan, D. S. (a)

Amber-jack *Seriola*, etc.

Goode

Grey

Hildebrand

Holder (e)

Jordan, D. S. (a)

LaGorce (c)

Mowbray

Norman (b)

Walford

Anchobetas

Coker, R. E.

See also Peru

Anchovies *Engraulidae*

Bean

Goode

Jordan, D. S. (a)

Lydekker (b) v.5

Murphy, R. C. (b f)

Norman (a)

Schultz (a)

Smith, H. M. (h)

Angel-fishes *Squatina*, *Holo-* *canthus*, etc.

Beebe, W. (a c g)

*Goode

Hildebrand

*Holder (e f)

*Jordan, D. S. (a)

Longley, W. H. (a)

Lydekker (b) v.5

Meek

Murphy, R. C. (f)

Norman (a b)

Scott

Wilson

Angler-fishes *Lophius*

Beebe, W. (e)

Crowder (d)

Gordon, M.

Jordan, D. S. (a)

Norman (a)

Ayu *Plecoglossus altivelis*

Holder (e)

Jordan, D. S. (a)

See also Aguja

Backtail

Rafinesque

Badis *Badis badis*

Meilen (a)

Baitfishes and Baitstealers

Goode

Lydekker (b) v.5

Rafinesque

Band-fishes *Cepola*, etc.

Lydekker (b) v.5

Meek

Barbel, Barb *Barbus*, etc.

Beebe, W.

**Goode

Hildebrand

Hutchinson

Lydekker (b) v.5

**Meek

Norman (a)

Roule (b)

**Scott

Walton, I.

Watson

Bar-fish *Pomoxis sparoides*

Goode

Jordan, D. S. (d)

Barracuda *Sphyraena*

Beebe, W.

*Goode

Grey (b)

Henshall

Hildebrand

**Holder (e)

**Jordan, D. S.

LaGorce (c)

Longley, W. H. (a)

Lydekker (b) v.5

*Meek

Mowbray

Murphy, R. C. (f)

Norman (a b)

Simpich (b)

Tambs

Walford

Barramundi *Neoceratodus* *fosteri*

Lydekker

Bass

Bean

Caine

*Goode

Harper, F.

Henshall

Hildebrand

**Holder (e)

Hutchinson

**Jordan, D. S. (d)

Lydekker (b) v.5

Mayer

Meek

Nelson, W. A.

Norman (a)

*Rafinesque

**Roule (a b)

Sandys ch.9

Schultz

*Scott

Smith, H. M. (a-k)

Walford

Bass, Black *Aplites salmoides* etc.

Camp

**Cheney

**Evermann

Goode

Henshall

**Holder (e)

Hutchinson

**Jordan, D. S. (d)

Mayer

Meek

Norris

*Roule (b)

Scott

Simpich (e)

Townsend, C. H.

Bass, Calico *Pomoxis spar-* *oides*

Bean

Cheney

Evermann

Goode

Jordan, D. S. (d)

Townsend, C. H.

Bass, Channel *Sciaenops ocel-* *latus*

Goode

Henshall

Bass, European

Goode

Bass, Green *Aplites salmoides*

Cheney

Goode

Jordan, D. S. (d)

Bass, Lake *Micropterus sal-* *moides*

Goode

Jordan, D. S. (d)

Bass, Large-mouthed *Aplites* *salmoides*

Bean

Cheney

Evermann

Goode

Hildebrand

Jordan, D. S. (d)

Smith, H. M. (k)

Bass, Little *Genyonemus line-* *atus*

Goode

Bass, Mud *Aplites salmoides*, etc.

Goode

- Bass, Oswego** *Aplites salmoides*
Goode
Jordan, D. S. (d)
Norris
- Bass, Red** *Sciaena ocellata*
Cheney
Goode
- Bass, Rock** *Ambloplites rupestris*
Bean
*Cheney
Evermann
*Goode
Grey
Hutchinson
*Rafinesque
Smith, H. M. (k)
Townsend, C. H.
Walford
- Bass, School** *Serranidae*
Goode
- Bass, Sea** *Serranidae*
Bean
Beebe, W.
*Goode
*Holder
Lydekker
Norris
Scott
Walford
- Bass, Small-mouthed** *Micropterus dolomieu*
Bean
Cheney
Goode
Jordan, D. S. (d)
Mayer
Roy, L. C. (b)
Bosburgh
- Bass, Spotted**
Cheney
Goode
- Bass, Striped** *Roccus lineatus*
Bean
Cheney
*Goode
Hutchinson
Jordan, D. S. (d)
Mayer
Norris
*Scott
- Bass, White** *Roccus chrysops*
Bean
Cheney
Evermann
*Goode
*Holder
Hutchinson
*Jordan, D. S. (d)
Norris
Rafinesque
- Bass, Yellow** *Roccus interruptus*
Cheney
Goode
Hutchinson
Jordan, D. S. (d)
- Bayonet-fish**
Goode
- Beaked-fish** *Mormyrus petersi*
Lydekker (b) v.5
- Bergall**
Bean
- Bergylt** *Sebastes marinus*
Goode
See also Zetland
- Bill fish** *Belonidae, etc.*
Goode
Jordan, D. S. (d)
Rafinesque
- Black and blue fin** *Lutianus buccanella*
Goode
Hansen, L.
Jordan, D. S. (d)
See also Snapper
- Blackears**
Rafinesque
See also Sunfish
- Blackfish** *Dallia pectoralis*
Beebe, W. (a c)
Goode
Jordan, D. S. (d)
Meek
Stejneger
- Black Harry** *Centropristes striatus*
Goode
Jordan, D. S. (d)
- Blackhead** *Pimephales promelas*
Rafinesque
- Blenny, Crested**
Schultz (a)
- Blind-fishes** *Typhlichthys subterraneus, Amblyopsis spelaeus*
Bean
Evermann (b)
Hildebrand
Lydekker (b) v.5
Norman (a b)
Norris
See also Mammoth Cave, Ky.
- Bloater**
Norman (a)
- Blue-fishes** *Pomatomus saltatrix*
Bean
Beebe, W.
Cheney
Epler, B. N.
*Goode
Hildebrand
Holder
Jordan, D. S. (d)
Mayer
*Meek
Miner, R. W. (a)
Norman (a)
Rafinesque
Sandys ch.14
Scott
- Bonefish** *Albula vulpes*
Beebe, W.
Goode
Grey (b)
Jordan, D. S. (d)
Mowbray
Walford
- Bonito**
Bean
Beebe, W.
Goode
Hanna, G. D.
Jordan, D. S. (d)
Meek
Murphy, R. C. (f)
Norman (a b)
Price, W.
Roule (b)
Scott
Tamb
Villiers (b)
Walford
- Bow-fin** *Amia calva*
Hildebrand
Lydekker (b) v.5
- Bream** *Lepomis auritus*
Beebe, W.
Cheney
Evermann
*Goode
*Jordan, D. S. (d)
*Lydekker (b) v.5
Mayer
*Meek
Nelson, W. A.
Norman
Norris
*Roule (b)
Walton, I.
Watson
- Bream, American**
Goode
- Bream, Sea** *Sparidae*
Goode
Meek
See also Sea-bream
- Bubble**
Rafinesque
Thompson
- Buffalo-fishes** *Ictiobus*
Evermann
Filson
Goode
Jordan, D. S. (d)
Rafinesque
- Buffalo-fish, Big-mouthed**
Ictiobus sp.
Goode
Jordan, D. S. (d)
- Buffalo-fish, Small-mouthed**
Ictiobus bubalus
Evermann
Goode
Hildebrand
Norris
Rafinesque
- Bullhead**
Bean
Evermann
*Goode
Jordan, D. S. (d)
Lydekker (b) v.5
*Meek
Norman
*Rafinesque
Schultz (b)
Townsend, C. H.
Walton, I.

Burbot *Lota maculosa*

Bean
Goode
Hutchinson
Jordan, D. S. (a)
Lydekker (b) v.5
Meek
Norman
Rafinesque
Roule

Butterfishes *Poronotus carolinus*

Bean
Goode
Hildebrand
Jordan, D. S. (d)
LaGorce (a)
Meek
Miner, R. W. (a)
Norman
Wilson

Butterfly-fish *Chaetodon*

Beebe, W. (e)
Goode
Miner, R. W. (d)

Cabrilla *Epinephelus*

Goode
Holder
Jordan, D. S. (d)
Schultz (a)
Walford

Candle-fish *Thaleichthys pacificus*

Goode
Jordan, D. S. (d)
Schultz (b)

Cannibal-fish

Norman (a)

Capelin *Mallotus villosus*

Goode
Grenfell (d)
Jordan, D. S. (a)
Meek
Norris
Roule
Scott
Townsend, C. W. (b)

Carp *Cyprinus carpio*

Bean
Coates
*Goode
Hildebrand
Hutchinson
*Jordan, D. S.
Lydekker (b) v.5
Mann
Meek
Norman (a)
*Rafinesque
Regan
*Roule
Smith, H. M. (k)
Thompson
Walton, I.
Ward
Watson

Carp, American *Cyprinus carpio*

Goode

Carp, Asiatic *Cyprinus carpio*

Goode

Carp, Crucian *Carassius carassius*

Goode
Hutchinson
Lydekker (b) v.5

Carp, German *Cyprinus carpio*

Goode
Smith, H. M. (e)

Carp, Golden *Carassius auratus*

Goode
Lydekker (b) v.5
Moore, W. R. (a)
Scott

Carp, King *Cyprinus*

Goode
See also "Mirror" carp

Carp, Lake *Carpiodes thompsoni*

Bean
Goode
Jordan, D. S. (d)

Cat fishes

Beebe, W. (a)
Bernheimer
Coates
Evermann
*Filson
Goode
Heilprin (b)
Hildebrand
*Holder
Holt, E. G. (b)
*Jordan, D. S. (d)
Kolb, E.
Mann
Meek
Mellen (a)
Murphy, R. C. (f)
Nelson, W. A.
Norman (a)
Norris

**Rafinesque
Roule (b)
Smith, H. M. (k)
Thompson

Cat-fish, Salt water *Ariidae*

Bean
Goode
Cat, **Blue** *Ictalurus punctatus*
Evermann
Goode
Jordan, D. S. (d)
Cat, **Channel** *Ictalurus punctatus*
Bean
Evermann
Coates
Jordan, D. S. (d)
Rafinesque

Cat, Mud *Leptops olivaris*

Evermann
Goode
Lydekker (b) v.5
Rafinesque

Cat, Sea *Ariidae*

Goode

Cat, Spotted *Ictalurus punctatus*

Evermann (b)
Goode
Townsend, C. H.

Cat, Yellow *Ameiurus natalis*, etc.

Bean
Evermann
Goode

Cavilli or Cero *Scomberomorus cavalla*

Beebe, W.
Cheney
Goode
Grey
Henshall
Jordan, D. S. (d)

Char *Salvelinus*

Goode
Holder
Jordan, D. S. (d)
Meek
Norman
Roule (b)
Ward

Chub *L. cephalus*

*Agassiz
Bean
Beebe, W.
Evermann
Goode
**Jordan, D. S. (d)
Hutchinson
*Lydekker (b) v.5
Meek
Norris

**Rafinesque
Walton, I.

Chub, English

Goode

Chub, Salt-water *Tautoga onitis*

Goode

Cisco *Argyrosomus*

Goode
Jordan, D. S. (d)
Scott

Coalfish *Pollachius virens*, etc.

Goode
Hutchinson
Jordan, D. S. (d)
Lydekker (b) v.5
Scott
Thompson

Cobis *Rachycentron canadus*

Goode
Jordan, D. S. (d)

Codfishes, Common *Gadus morhua*, *Gadus macrocephalus*

Ault
Bean
Egan, M. F. (b)
Fairchild, D. (b)
Goode
Grenfell (d)
Hall, C. F. ch.1
Hansen, L.
Heilprin (b)

- Codfishes, Common—Cont.**
 Herdman
 Hildebrand
 Hutchinson
 *Jordan, D. S.
 LaGorce (a)
 MacKenzie, C. D.
 Mecking
 Miner, R. W. (a)
 Norman
 Norris
 *Roule
 Sadler
 Schmitt
 Schwatka (c)
 Scott
 Smith, H. M. (c h)
 Stefansson (e)
 Thompson
 **Townsend, C. W. (b)
 Wallace, F. W.
 Walmsley
 Ward
- Cod, Black** *Anoplopoma fimbria*
 Goode
 Meek
- Cod, Buffalo**
 Goode
 Jordan, D. S. (d)
- Cod, Fresh water** *Lota maculosa*
 Goode
- Cod, Herring**
 Dennis, A. P. (b)
- Cod, Red**
 Goode
- Cod, Tom** *Microgadus tomcod*, etc.
 Goode
 Jordan, D. S. (d)
- Conger, Common** *Conger conger*
 Bean
 Goode
 Hutchinson
 Jordan, D. S. (d)
 Meek
- Corsair** *Sebastichthys rosaceus*
 Goode
- Cornet fish**
 Hildebrand
- Cowfish**
 Goode
 Hildebrand
 Norman
 Stevens, A. W. (d)
 See also Sturgeon
- Crab-eater** *Elacate canada*
 Bean
 Goode
- Crappie** *Pomoxis annularis*
 Bean
 Cheney
 Evermann
 Goode
 Jordan, D. S. (d)
 Nelson, W. A.
 Simpich (e)
 Smith, H. M. (k)
- Crawfish or Crayfish**
 Allee
 Beebe, W. (c)
 Calman
 Crowder
 Graves, R. A. (b)
 Hoefler
 Huxley
 Mayer, A. G.
 Miner, R. W. (c)
 Moses, G. H. (b) p.313
 Roule (b)
 Schmitt (b)
- Crevalla**
 Bean
 Goode
- Croakers** *Sciaenidae*
 Bean
 Goode
 Jordan, D. S. (d)
- Cusk** *Brosimius brosme*
 Bean
 Goode
 LaGorce (a)
- Cutlass fishes**
 Goode
 Hildebrand
 Norman (a b)
- Cuttle-fish**
 Goode
 Herdman
 Lankester (b)
 Murphy, R. C. (e)
- Dab** *Limanda*
 Bean
 Goode
 Hutchinson
 Jordan, D. S. (d)
 Meek
 Norman
 Wilson
- Dace or Minnow** *Leuciscus vulgaris*
 Agassiz
 Bean
 Evermann
 *Goode
 Hildebrand
 Hutchinson
 Jordan, D. S. (d)
 *Lydekker (b) v.5
 *Meek
 *Rafinesque
 Scott
 Walton, I.
 Ward
 Watson
- Darters** *Etheostomidae*
 Evermann
 Goode
 Meek
- Deal-fishes**
 Norman (b)
- Death Valley fish** *Cyprinodon macularium*
 Ward, W. V.
- Demoiselles** *Pomacentridae*
 Goode
 Miner, R. W. (d)
- Devil-fishes** *Moelusca, Manta*, etc.
 Beebe, W. (a—c)
 *Goode
 Grey
 Henshall
 Hildebrand, S. F.
 *Holder, C. F. (a—f)
 Johnson and Snook
 Lydekker (b) v.5
 Mayer, A. G.
 Muir
 Norman, J. R.
 Smith, H. M. (b)
 Thompson
 Tressler
- Diamond-fishes**
 Rafinesque
- Dogfish** *Squalus* or *Amia calva*
 Beebe, W.
 Calman
 Hildebrand
 *Holder
 Jordan, D. S. (a)
 Lankester (b)
 Lydekker (b) v 5
 Meek
 Mowbray
 Murphy, R. C. (f)
 Norman
 Roule (b)
 *Scott
 Ward
- Dolphins** *Coryphacna*
 Miner, R. W. (d)
 Norman (a b)
 Walford
 See also Mammals
- Dorab** *Chirocentrus dorab*
 Lydekker (b) v.5
- Dorado**
 Tamba
- Double-eyes** *Anableps*
 Hildebrand, S. F.
 Lydekker (b) v.5
- Dragon-fish** *Malacosteus*
 Beebe, W. (e f g)
 Norman
- Dragonets** *Callionymus lyra*
 Beebe, W.
 Holder
 Jordan, D. S. (a)
 Lydekker
 Meek
- Drum, Drummer** *Pogonias cromis*, etc.
 Bean
 Goode
 Jordan, D. S. (d)
 Norman (a b)
 Norris
- Drum, Banded** *Sciaena ocellata*
 Goode
 Hildebrand
 Jordan, D. S. (d)
 Lydekker
 Murphy, R. C. (f)

- Drum, Fresh-water *Aplodinotus grunniens***
 Bean
 Norman
 Townsend, C. H.
- Eels *Anguilla vulgaris* or *Rostrata***
 Adams, H. C. (b c)
 Bean
 *Beebe, W. (a e)
 Evermann
 *Filson
 Goode
 Gordon, M
 Herdman
 Hildebrand
 Jordan, D. S.
 Lydekker (b) v.5
 Meek
 Miner, R. W. (d)
 Murphy, R. C. (f)
 Norman (a b)
 Norris
 *Rafinesque
 *Roule (b)
 Smith, H. H.
 Thompson
 Townsend, C. H.
 Walton, I
 Ward
 Wilson
- Eel, Electric**
 Schurz
- Eel, Gulper *Gastrostomus***
 Beebe, W. (e)
- Eel, Larval *Leptocephalus***
 Smith, H. M. (j)
- Eel, Tailless *Cyema atrum***
 Beebe, W. (e)
- Elephant fish**
 Hildebrand
 Jordan, D. S. (a)
- Emperor-fishes *Hemiochus imperator***
 Goode
 Lydekker (b) v.5
- Fall-fishes *Scmotilus***
 Bean
 Goode
 Jordan, D. S.
 Norris
 Rafinesque
- Fan-finned fishes**
 Lydekker (b) v.5
 Rafinesque
- Fatheads *Pimelometopon pulcher*, etc.**
 Goode
 Hutchinson
 Jordan, D. S. (d)
 Rafinesque
- Feather-backs *Notopterus***
 Lydekker (b) v.5
- File-fishes**
 Alcock
 Beebe, W. (a c)
 Jordan, D. S. (a)
 Lydekker (b) v.5
 Norman
- Fishing fish**
 Beebe, W. (f)
- Flat-fishes *Pleuronectidae***
 Crowder
 Goode
 Hildebrand
 Hoefler
 Hutchinson
 Jordan, D. S. (d)
 Lydekker (b) v.5
 Norman (a b)
 Ward
- Flounders**
 Bean
 *Beebe, W. (a c)
 *Goode
 Henshall
 Hildebrand
 Holder
 Hutchinson
 *Jordan, D. S. (d)
 LaGorce (a)
 *Lydekker (b) v.5
 Meek
 Murphy, R. C. (f)
 Norman (a)
 Norris
 Schultz
 Schwatka (c)
 *Scott
 Walton, I.
 Wilson
- Flounders, Deep-sea *Paralichthys dentatus***
 Goode
- Flounder, Large-mouthed**
 Goode
- Flying-fishes**
 *Beebe, W. (a c)
 Churchill
 Coates
 *Goode
 Gordon, M.
 Guillemard (b)
 Hildebrand
 *Holder
 Jordan, D. S. (d)
 Meek
 Murphy, R. C. (f)
 Norman (a)
 Ross, A.
 Schultz
 Villiers (b)
- Fool-fishes *Monacanthus hispidus*, etc.**
 Goode
- Frog-fishes *Antennariidae***
 Alcock
 Crowder (d)
 Hildebrand
 Jordan, D. S. (a)
 See also Toad-fish
- Frost-fish *Lepidopus caudatus***
 Goode
- Gag *Mycteroperca microlepis***
 Goode
 Mowbray
- Gallo**
 Grey
- Gar-fishes**
 *Beebe, W.
 *Evermann
 Filson
- Goode
 Graves, R. A. (b)
 Harper, F.
 Hildebrand
 *Holder
 Hutchinson
 Lydekker (b) v.5
 Meek
 Nelson, W. A.
 Norman (a b)
 Norris
 *Scott
 Thompson
 Wilson
- Garibaldi *Hypsipops rubicundus***
 Goode
 Holder
 Jordan, D. S. (a)
- Garrupa *Garrupa nigrita***
 Goode
- Gasperau *Pomolobus pseudoharengus***
 Goode
- Gaulin**
 LaGorce (b)
- Gilt-head *Chrysophrys***
 Goode
 Lydekker (b) v.5
- Gizzard-fish or Shad *Dorosomus***
 Goode
 Meek
 Rafinesque
- Globe-fishes *Spheroides testudineus***
 Hildebrand
 Lydekker (b) v.5
 Norman
- Goat-fish**
 Longley, W. H. (a b)
- Goggle-eyes *Ambloplites rupestris***
 Cheney
 Evermann
 Goode
 Jordan, D. S.
 Rafinesque
 Walford
- Gold-eyes *Carassius auratus***
 Bean
 Goode
 Hildebrand
 Jordan, D. S. (a)
 Norman
 Rafinesque
 Roule (b)
 Smith, H. M. (a i k)
 Ward
 See also Goldfish
- Goldfish, Calico**
 Smith, H. M. (i)
- Goldfish, Comet**
 Smith, H. M. (i)
- Goldfish, Fantail**
 Smith, H. M. (i)
- Goldfish, Fringetail**
 Smith, H. M. (i)
- Goldfish, Nymph**
 Smith, H. M. (i)

- Goldfish, Veiltail**
Smith, H. M. (i)
- Goldhead**
- Goldring**
- Goldshad**
Rafinesque
- Goosefish**
Hildebrand
Jordan, D. S. (a)
- Gray-fish**
Herdman
- Graylings** *Thymallidae*
*Cheney
*Goode
Henshall
*Holder
Hutchinson
Jordan, D. S.
Lydekker (b) v.5
Mayer
Schwatka (c)
*Scott
Walton, I.
Watson
- Grayling, European** *Thymallus thymallus*
Goode
Regan
- Grayling, Mountain** *Thymallus montanus*
Goode
- Green-fish** *Girella nigricans*
Goode
Jordan, D. S. (a)
- Grike**
Goode
- Grisle** *Salmo salar*
Forbes ch.7
- Grouper, D. S. (a d)**
- Grouper** *Garrupa nigrita*
*Beebe, W. (a c)
Burden, W. D.
Cheney
Coates
Goode
Grey
Holder
*Jordan, D. S. (d)
LaGorce (c)
Longley, W. H. (a)
Norman (a b)
Walford
- Grouper, Black** *Garrupa nigrita*
Cheney
Goode
Mowbray
- Grouper, Nassau** *Epinephelus striatus*
Longley, W. H. (a)
Mowbray
- Grouper, Red** *Epinephelus morio*
Cheney
Goode
Henshall
Mowbray
- Grunts, Grunter** *Haemulon plumieri*
Beebe, W.
- Goode
Hildebrand
Jordan, D. S. (a)
Longley, W. H. (b)
Murphy, R. C. (f)
Norman (a b)
Scott
- Grunts, Black** *Haemulon parra*
Goode
Jordan, D. S. (d)
- Gudgeon** *Gobio*, etc.
Evermann
*Goode
Hutchinson
Lydekker (b) v.5
Meek
Walton, I.
Ward
Watson
- Guiniad**
Walton, I.
- Guitar-fishes**
Jordan, D. S. (a)
Norman (a b)
Walford
- Gurnards** *Triglidae*
*Beebe, W.
*Goode
*Holder
Hutchinson
Jordan, D. S. (a)
Lydekker (b) v.5
Meek
Scott
Wilson
- Guppy** *Lebistes reticulatus*
Mellen, I.
- Haddock** *Melanogrammus aeglefinus*
Bean
Goode
Hildebrand
Jordan, D. S. (d)
LaGorce (a)
Lydekker (b) v.5
Meek
Miner, R. W. (a)
Norman
*Scott
Smith, H. M. (c)
Stefansson (e)
Thompson
Tressler
- Hagfishes** *Myxinidae*
Goode
Hildebrand
Jordan, D. S. (a)
Lydekker (b) v.5
Meek
- Hair-tail** *Trichiurus lepturus*
Goode
Lydekker (b) v.5
Meek
- Hake** *Merluccius bilinearis*
Bean
Goode
Hutchinson
Jordan, D. S. (d)
LaGorce (a)
Lydekker (b) v.5
Meek
- Minor, R. W. (a)
Norman (a)
Roule
- Half-beaks** *Hemirhamphidae*
Lydekker (b) v.5
- Half-moon, Brazilian** *Pterophyllum scalare*
Goode
Jordan, D. S. (a)
Mellen, I.
- Halibut** *Hippoglossus*
Bean
*Goode
Hall, C. F. ch.1
Hansen, L.
Hildebrand
*Holder
*Jordan, D. S. (d)
Koelz
LaGorce (a)
Lydekker (b) v.5
Meek
Norman (a b)
Schultz
Schwatka (c)
*Scott
Smith, H. M. (c)
Stefansson (e)
Thompson
Wallace, F. W.
Ward
- Halibut, Chicken** *Paralichthys dentatus*
Goode
- Hard-tails** *Caranx crysos*
Goode
Jordan, D. S. (d)
- Harlequin**
Coates
- Harvest-fish** *Rhombus paru*
Bean
Goode
- Hatchet-fish**
Beebe, W. (f)
Norman (a)
- Hausen** *S. huso*
Lydekker (b) v.5
- Headfishes**
Jordan, D. S. (a)
Hildebrand
Norman (b)
- Herrings** *Clupeidae*
Bean
*Beebe, W.
Crowder (d)
East, B.
Evermann
Fairchild, D. (b)
Filson
*Goode
Grenfell (d)
Hanson, E.
Hildebrand
Hutchinson
Jordan, D. S. (d)
LaGorce (a)
Lydekker (b) v.5
Meek
Miner, R. W. (a)
Murphy, R. C. (b f)
Norman (a)

- Norris
 *Rafinesque
 Regan
 *Roule
 Sharp ch 16
 Smith, H. M. (c d g h)
 Stefansson (e)
 Thompson
 Wallace, F. W.
 Walmsley
 Ward
 Zeninoy
Herring, Branch *Pomolobus*,
 etc.
 Goode
Herring, English *C. aestivalis*
 Goode
Herring, Fresh water
 Goode
 Jordan, D. S. (d)
Herring, Glut *Pomolobus*, etc.
 Goode
Herring, Lake *C. aestivalis*
 Bean
 Goode
Herring, Sea
 Bean
 Goode
Hind *Ephinephelus adscen-*
sionus
 Goode
 Jordan, D. S. (d)
Hog-fishes *Lachnolaimus*
maximus
 Beebe, W.
 Goode
 Hildebrand
 *Holder
 Jordan, D. S. (a)
 Longley, W. H. (b)
 Mowbray
 *Rafinesque
 Roule (b)
 Scott
Hornfish
 Norman (b)
 Rafinesque
Horsefish *Moxostoma cras-*
silabre
 Goode
 Jordan, D. S. (d)
Hound-fish *Tylosurus raphi-*
doma
 Goode
 Hildebrand
 Jordan, D. S. (d)
Indian-head
 Holder, C. F. (f)
Jack-fish *Esox lucius*
 Beebe, W.
 Goode
 *Holder
 *Jordan, D. S. (d)
 Hutchinson
 Mowbray
 Rafinesque
 See also Pickerel; Pike
Jelly-fish
 Agassiz, E. C. (b)
 Calkins
 Crowder (d)
 Holder, C. F. (f)
 Johnson and Snook
 Lankester (a)
 Mayer, A. G.
 Miner, R. W. (c)
 See also Marine life
Jewel-fish
 Goode
 Mann
Jewfish *Stereolepis gigas*
 Beebe, W. (a c)
 *Cheney
 Goode
 Hanna, G. D.
 Henshall
 *Holder
 Hutchinson
 Jordan, D. S. (d)
 LaGorce (c)
 Norman (b)
 Smith, H. M. (b)
 Walford
Johnny Boleosoma
 Goode
 Jordan, D. S. (d)
Jumping-fish *Periophthalmus*
 Holder
 Jordan, D. S. (d)
Kelp-fish
 Goode
 Holder, C. F. (f)
 Norman
Killifish, Striped *Fundulus*
mayalis
 Goode
 Hildebrand
Killy, Green
 Harper, F.
King fish, Silverside *Meticir-*
rhus americanus
 Bean
 Beebe, W. (a c)
 Goode
 Holder
 Jordan, D. S. (d)
 LaGorce (c)
 Mowbray
 Murphy, R. C. (b)
 Norman (b)
Ladyfish *Albula vulpes*
 *Beebe, W. (a c)
 Cheney
 *Goode
 Henshall
 *Holder
 Hutchinson
 Jordan, D. S. (d)
 Meek
 Norman
Lampreys *Petromyzonidae*
 Bean
 Evermann
 Goode
 Hildebrand
 *Holder
 Jordan, D. S. (a)
 Lankester (b)
 *Lydekker (b) v.5
 Meek
 Norman
 *Rafinesque
 Schultz (b)
 Scott
 Walton, I.
Lance or Lancet *Ammodytes*
americanus
 Goode
 Hildebrand
 Jordan, D. S. (d)
 Meek
 Norman
Lantern fishes
 Hildebrand
 Miner, R. W. (d)
 Norman (a)
Lantern fish, Giant *Mycto-*
phum affine
 Beebe, W. (e f)
Lion-fishes
 Jordan, D. S. (a)
 Norman (a)
Lizard-fishes
 Jordan, D. S. (a)
 Norman (a)
Loche or Loaches *Cobitidae*
 Goode
 Meek
 Roule
 Ward
Long-fins *Gerrhonotus alalunga*
 Jordan, D. S. (d)
 Lydekker
Long-tails
 Lydekker (b) v.5
Lumpfish
 Goode
 Hildebrand
Lungfish
 Hildebrand
 Lull (a)
 Norman (a)
Lyre-tail
 Mann
Mackerel *Scombridae*
 Bean
 Beebe, W. (a c)
 Fairchild, D. (b)
 *Goode
 Henshall
 Hildebrand
 *Holder
 Hutchinson
 *Jordan, D. S. (d)
 LaGorce (a c)
 Meek
 Miner, R. W. (a)
 Norman (a b)
 Norris
 *Roule (a b)
 Schultz
 Scott
 Smith, H. M. (c h)
 Tressler
 Ward
Mackerel, Chub *Scomber co-*
lias
 Bean
 Goode
Mackerel, Horse *Thunnus*
thynnus
 Goode

Mackerel, Horse—Continued

MacKenzie, C. D.

See also Tunna

Mackerel, Spanish *Scomberomorus maculatus*

Bean

Goode

Henshall

Mowbray

Scott

Man-of-war fish

Gordon, M.

Miner, R. W. (c)

Margate-fish *Haemulon album*

Goode

Jordan, D. S. (a)

Mowbray

Mascalonge *Esox masquinongy*

Bean

Camp

Cheney

*Goode

Holder

*Jordan, D. S. (d)

Mayer

Norris

Robinson

Sandys ch.10

Smith, O. W.

Townsend, C. H.

Volsburg

Wilson, J. A (b)

Menhaden *Brevoortia tyrannus*

Bean

Goode

Hildebrand

Jordan, D. S. (a)

Tressler

Mesonauta *Mesonauta insignis*

Mellen (a)

Milkfish

Jordan, D. S. (a)

Walford

Minnnows

Bean

Hansen, L.

Harper, F.

Hildebrand

Jordan, D. S. (a)

Mellen (a)

Norman (a)

Monk-fish *Squatina squatina*

Holder

Jordan, D. S. (a)

Lydekker (b) v.5

Scott

Meek

Norman (a)

Moon-eye *Hiodon tergisus*

Bean

Goode

Lydekker (b) v.5

Meek

Norman (a b)

Moonfish *Vomer setipinnis*

Beebe, W. (c)

Goode

Hildebrand

Jordan, D. S.

Mowbray

Walford

Moray, Common *Muraena**helenae*

Goode

Jordan, D. S. (a)

Morue

Goode

Mosquito-fish *Gambusia affinis*

Mellen (a)

Mud-cat *Leptops olivaris*

Jordan, D. S. (d)

Mud-fish

Goode

Hildebrand

Holder

Lydekker (b) v.5

Norman (a)

Mud-skippers *Periophthalmus*

Holder

Lydekker (b) v.5

Mullet *Mullidae*

Bean

*Beebe, W.

*Filson

*Goode

Hildebrand

Hutchinson

Jordan, D. S.

Meek

Norris

Price, W.

Roule (a b)

Scott

Mullet, American *Mugil*

Goode

Mullet, Blue-black *Mugil curema*

Goode

Jordan, D. S. (d)

Mullet, Grey *Mugil*

Goode

Lydekker (b) v.5

Meek

Mullet, Red *Mullus*

Holder

Goode

Lydekker (b) v.5

Mullet, White *Mugil curema*

Bean

Goode

Jordan, D. S. (d)

Muskellunge

See Mascalonge

Mutton-fish *Neomaenoides analis*

Goode

Grey

Jordan, D. S. (d)

Mowbray

Namaycush

See Trout, Lake

Needlefish

Murphy, R. C. (f)

Norman (b)

Walford

Oar-fish *Regalecus glesne*

Holder

Meek

Norman (a b)

Smith, H. M. (b)

Thompson

Oil-fish *Comphorus baikalensis*

Lydekker (b) v.5

Norman (b)

See also Lake Baikal

Opah *Lampris*

Goode

Holder

Jordan, D. S. (d)

Schultz (a)

See also Moonfish

Opaleyes *Girella nigricans*

Schultz (a)

Ouananiche *Salmo salar ouananche*

Camp

Goode

Jordan, D. S. (d)

Oulachan *Thalichthys pacificus*

Goode

Jordan, D. S. (d)

See also Eulachon

Oyster-fish *Tautoga onitis*

Goode

Jordan, D. S. (d)

Paddle-fishes *Polyodon**spathula*

Bean

Evermann

Goode

Hildebrand

Jordan, D. S. (d)

Rafinesque

Pallara

Holt, E. G. (b)

Paradise-fish *Macropodus**opercularis*

Mellen (a)

Norman

Smith, H. M. (k)

Parrot-fishes *Scaridae*

Goode

Hildebrand

Jordan, D. S. (a)

Longley, W. H. (a b)

Norman (a)

Peranha fish

See Piraya

Perches *Perca flavescens*

Bean

Caine

Evermann

****Goode**

Hildebrand

Holder, C. F. (f)

Hutchinson

***Jordan, D. S. (d)**

Lydekker (b) v.5

Meek

Norman (a)

***Rafinesque**

*Roule (a b)

Roy, L. C. (b)

Schultz (b)

Scott

Thomson

Walford

- Walton, I.
Ward
Watson
- Perch, Black** *Embiotoca jacksoni*
Goode
Jordan, D. S. (d)
Schultz (a)
- Perch, Blue** *T. lateralis*
Goode
Jordan, D. S. (d)
Schultz (a)
- Perch, Climbing** *Anabas testudineus*
Mellen (a)
- Perch, Danube** *Aspro zingel*
Hutchinson
Lydekker (b) v.5
- Perch, Pike** *Stizostedion*
Goode
Hutchinson
Townsend, C. H.
- Perch, River** *Perca flavescens*
Goode
Jordan, D. S. (d)
- Perch, Sea**
Goode
Hutchinson
Lydekker (b) v.5
- Perch, White** *Morone americana*
Bean
Cheney
Goode
Jordan, D. S. (d)
Townsend, C. H.
- Perch, Yellow** *Perca flavescens*
Bean
Cheney
Goode
Jordan, D. S. (d)
Norris
Scott
Simpich (e)
Smith, H. M. (k)
Townsend, C. H.
- Pickereel** *Esox*
Agassiz
Bean
Caine
Cheney
**Evermann
**Goode
Hutchinson
Jordan, D. S. (d)
Mayer
*Meek
Robinson
Roy, L. C. (b)
*Scott
Smith, O. W.
Ward
- Pickereel, Banded** *Esox americanus*
Cheney
Goode
Jordan, D. S. (d)
- Pickereel, Brook** *Esox umbrinosus*
Cheney
Goode
- Pickereel, Common Eastern**
Esox americanus
Cheney
Goode
Townsend, C. H.
- Pickereel, Hump-backed**
Cheney
Goode
- Pickereel, Trout** *Esox americanus*
Cheney
Goode
- Pigfish**
Bean
Goode
Hildebrand
- Pike** *Esoicidae*
Agassiz
Bean
Caine
*Cheney
Evermann
*Goode
*Heilprin
Hildebrand
Hutchinson
*Jordan, D. S. (d)
Lydekker (b) v.5
Norman (a)
Norris
Oxholm
**Rafinesque
Roule (b)
*Scott
Smith, O. W.
Thompson
Thompson
Townsend, C. H.
Vosburgh
**Walton, I.
Ward
Watson
- Pike, Barracuda**
Lydekker (b) v.5
- Pike, Bony**
Lydekker (b) v.5
- Pike, Federation** *Esox reticulatus*
Cheney
Goode
- Pike, Gray** *Stizostedion*, etc.
Goode
- Pike, Perch** *Stizostedion vitreum*
Bean
Cheney
*Goode
Lydekker (b) v.5
Meek
Norris
Vosburgh
- Pike, Sacramento, or Squawfish** *Ptychocheilus grandis*
Schultz (b)
- Pike, Sand** *Stizostedion canadense*
Cheney
Goode
- Pike, Wall-eyed** *Stizostedion vitreum*
Cheney
Evermann
- Goode
Jordan, D. S. (d)
Miner, R. W. (b)
- Pike, Yellow** *Stizostedion vitreum*
Goode
Jordan, D. S. (d)
- Pilchard or California sardine**
Sardinops caerulea
Goode
Schultz
- Pilot-fish**
Beebe, W.
DuChailu (f) ch.30
*Goode
*Holder
*Jordan, D. S. (d)
Lydekker (b) v.5
Meek
Norman (a b)
Scott
Walford
- Pinfish**
Goode
Hildebrand
- Pipefishes** *Syngnathus griseolincatus*
Gordon, M.
Hildebrand
Jordan, D. S. (a)
Schultz
Wilson
- Piper** *Hemirhamphus balao*
Goode
Meek
- Piraya, Piranha or Caribe**
Serrasalmo piraya
Coates
Fairchild, D. (a)
Lange (a)
Schurz
Smith, H. H.
Stevens, A. W. (d)
Wells, J. W.
See also Man-eating fish;
Piranha; South America
- Plaice** *Pleuronectes platessa*
Goode
Jordan, D. S. (a)
Lydekker
Wilson
- Pollock or Pollack** *Pollachius virens*
Bean
Byrne, D.
Goode
Holder
Jordan, D. S. (d)
LaGorce (a)
Meek
Mowbray
Norman
Smith, H. M. (g)
- Pompano** *Trachinotus carolinus*
Bean
Goode
Hildebrand
Holder
Jordan, D. S. (d)
Walford

- Pompano, Africa** *Trachinotus* **Red-mouthed** *Bathystoma ri-*
goreensis *mator*
 Goode
Porcupine-fish
 Goode
 Norman (a)
 Regan
Porgy *Stenotomus chrysops*
 Beebe, W. (a c)
 Goode
 Hildebrand
 Jordan, D. S. (d)
 Longley, W. H. (b)
 Meek
Pork-fish
 Goode
 Jordan, D. S. (a)
 Longley, W. H. (a)
 Norman, (b)
Pristella *Pristella riddlei*
 Mellen (a)
Pucker
Puckermouth *Paralichthys*
dentatus
 Goode
 Rafinesque
Pumpkin-seed *Eupomotis gib-*
bosus
 Goode
 Cheney
See also Sun-fish
Rainbow-fish
 Goode
 Holder
 Jordan, D. S. (d)
 Mann, L. Q.
Rainfish *Rivulus harti*
 Mellen, I.
Rainwater fish *Leptolucania*
ommata
 Harper, F.
Ranga *Ambassis ranga*
 Mellen, I.
Ratfish
 Hildebrand
Razor-fish *Xyrichthys psitta-*
cus
 Longley, W. H. (a)
Red-breast *Lepomis aurius*
 Goode
 Rafinesque
Red-eye *Ambloplites rupestris*
 Cheney
 Evermann
 Goode
 Jordan, D. S. (a)
 Rafinesque
Red-fish *Sciaena ocellata*
 *Cheney
 *Goode
 Henshall
 Lydekker
 Norris
 *Rafinesque
See also Sucker
Red-horse *Moxostoma*
 Bean
 Evermann
 Goode
 Rafinesque
- Red-mouthed** *Bathystoma ri-*
mator
 Goode
See also Grunt
Redsnapper
 Bean
See also Snapper
Reed-fish *Calamoichthys cala-*
baricus
 Jordan, D. S. (a)
 Lydekker
 Norris
Ribbon-fishes *Eques lanceo-*
latus
 Lydekker
 Meek
 Rafinesque
 Norman (a b)
Roach *Rutilus rutilus*
 Agassiz
 *Goode
 Hutchinson
 Jordan, D. S. (d)
 Lydekker (b) v 5
 Meek
 *Scott
 *Walton, I.
 Ward
 Watson
Robalo *Centropomus viridis*
 Goode
 Henshall
 Jordan, D. S. (a)
 Walford
Robin *Cephalacanthus volitans*
 Goode
 Jordan, D. S. (d)
Rock-fish *Roccus lineatus*
 Beebe, W. (a c)
 Filson
 Goode
 Hildebrand
 Jordan, D. S. (a)
 Mayer
 Norman (b)
 Norris
Rock-fish, Black *Sebastes*
mystinus
 Goode
 Schultz
Rock-fish, Red *Sebastes ru-*
berrimus
 Goode
 Schultz
Rock-fish, Spotted *Sebastes*
constellatus
 Goode
 Meek
Rock-fish, Yellow *Sebastes*
flavids
 Goode
 Jordan, D. S. (d)
Rocklings *Enchelyopus cim-*
brus
 Goode
 Jordan, D. S. (a)
 Lydekker (b) v.5
Roncador *Roncador*, etc.
 Goode
 Jordan, D. S. (a)
Rose-fish *Sebastes*, etc.
 Bean
- Goode
 Jordan, D. S. (d)
 Nansen (e)
Rouget
 Moses, G. H. (b)
Rudd *Scardinius*, etc.
 Goode
 Meek
 Ward
 Watson
Rudder-fishes *Centrolophidae*,
 etc.
 Goode
 Hildebrand
 Jordan, D. S. (d)
 Norman (a)
Runner, Yellow-jack *Caranx*
crysos
 Goode
 Mowbray
Sail-fishes *Istiophorus*
 Beebe, W. (c)
 Goode
 Grey (a b)
 Hildebrand
 Holder
 Jordan, D. S. (d)
 Meek
 Mellen, I.
 Mowbray
 Norman (a b)
 Walford
Salmon fishes
 Ault
 Bean
 **Beebe, W. (a c)
 Borah
 Burg, A. (a b d)
 Caine
 Cartwright
 *Cheney
 Comeau (a)
 Evermann
 Filson
 *Goode
 Grenfell (d)
 Hall, C. F. ch.23
 Hartley
 Hildebrand
 *Holder
 Hubbard, B. R. (b)
 Hutchinson
 *Jordan, D. S. (d)
 *Lydekker (b) v.5
 Mayer
 MacKenzie, C. D.
 Mecking
 Meek
 *Milford
 Mixer, G.
 Muir
 Norman (a)
 Norris
 Oxholm
 **Rafinesque
 Regan
 Ross, A.
 *Roule (b)
 Roy, L. C. (b)
 Schultz (b)
 Schwatka (c)

- *Scott
Smith, H. M. (g k)
Thompson
Townsend, C. W. (b)
Tressler
Wakeman
Walmsley
**Walton, I.
Ward
Watson
Wilson, J. A. (a)
Wright (b) p.69
Zenzinov
- Salmon, Atlantic** *Salmo salar*
Bean
Cheney
Goode
Hildebrand
Jordan, D. S. (d)
LaGorce
Roule
- Salmon, Blue-backed** *Oncorhynchus nerka*
Cheney
Goode
- Salmon, Chinook** *Oncorhynchus tshawytscha*
Burg, A. (a)
Goode
Jordan, D. S. (d)
Meek
Schultz (b)
Smith, H. M. (e)
- Salmon, Dog** *Oncorhynchus gorbuscha*
Cheney
Goode
Hallock
Jordan, D. S. (d)
Meek
Schultz (b)
Smith, H. M. (e)
- Salmon, Fresh-water** *Salmonidae*
Goode
- Salmon, Hump-backed**
Cheney
Goode
Hallock
Jordan, D. S. (d)
Meek
Schultz (b)
Smith, H. M. (e)
- Salmon, Jack**
Goode
Jordan, D. S. (d)
- Salmon, King** *O. tshawytscha*
Bean
Cheney
Goode
Hildebrand
Hutchinson
Jordan, D. S. (d)
Meek
Smith, H. M. (e)
See also Chinook salmon
- Salmon, Lake** *Salmonidae*
Goode
- Salmon, Land-locked** *Salmo salar sebago*
Bean
- Camp
Cheney, A. N.
Goode
Jordan, D. S. (d)
Vosburgh
- Salmon, Pacific** *Oncorhynchus*
Cheney
Goode
Hildebrand
Jordan, D. S. (d)
Meek
- Salmon, Quinnet** *Oncorhynchus*
Cheney
*Goode
*Hallock
Hutchinson
Jordan, D. S. (d)
Meek
Smith, H. M. (e)
- Salmon, Red or Sockeye** *Oncorhynchus nerka*
Schultz (b)
- Salmon, Rock** *Seriola falcata*
Goode
- Salmon, Sea** *Salmo salar*
Cheney
Goode
Scott
- Salmon, Silver** *Oncorhynchus kisutch*
Burg, A. (a)
Cheney
*Goode
Hallock
Jordan, D. S. (d)
Meek
Schultz (b)
Smith, H. M. (e)
- Salmon, Sockeye**
Burg, A. (a)
Griggs, R. F. (a)
See also Salmon, Red
- Salmon, Spring or Tyee**
Smith, H. M. (e)
- Salmon, Square-tailed**
Hallock
- Salmon, Steel-head** *Salmonidae*
Cheney
Goode
Simpich (c)
- Salmon, White**
Evermann
Goode
Hallock
Jordan, D. S. (d)
Scott
- Sardines** *Clupeidae*
Beebe, W. (a c)
Goode
Koch, F. J. (b)
Norman
Roule
Smith, H. M. (c h)
Tressler
Van Der Muelen
- Sauger** *Stisostedion canadense*
Bean
Cheney
- Goode
Jordan, D. S. (d)
Townsend, C. H.
See also Sand pike
- Saw-fishes** *Pristidae*
Beebe, W. (a c)
Goode
Graves, R. A. (b)
Hildebrand
Hutchinson
Jordan, D. S. (d)
Lydekker (b) v.5
Mowbray
Norman
Rafinesque
Smith, H. M. (b)
- Scabbard-fishes** *Lepidopus caudatus*
Goode
Jordan, D. S. (d)
Lydekker (b) v.5
Meek
Norman (b)
Scott
- Scad** *Decapturnus punctatus*
Goode
Jordan, D. S. (d)
- Scallop fish**
Hildebrand
- Scat, The** *Scatophagus argus*
Mellen, I.
- Sculpins** *Cottidae*
Bean
Goode
Hildebrand
Holder
Schultz (b)
- Sculpin, European** *Cottidae*
Goode
- Sculpin, Red** *Hemilepidotus*, etc.
Goode
Norman (a)
- Scup or Scupang** *Stenotomus*
Bean
Goode
Jordan, D. S. (d)
LaGorce (a)
See also Forgy
- Sea-breams** *Sparidae*
Goode
Roule
See also Bream
- Sea-cow**
See Mammals
- Sea-horses** *Hippocampus*
Goode
Holder
Lull (a)
Meek
Norman
Thevenin
Thompson
- Sea lions**
See Mammals
- Sea otter**
See Mammals
- Sea-robins**
Goode
- Seal**
See Mammals

Shad *Clupea sapidissima*

- Bean
 *Beebe, W. (a c)
 Evermann
 Filson
 Goode
 Hildebrand
 Jordan, D. S. (d)
 LaGorce (a)
 Lydekker (b) v.5
 Meek
 Miner, R. W. (a)
 Norris
 Regan
 *Rafinesque
 *Roule
 *Scott
 Smith, H. M. (c)
Shad, American *Alosa sapidissima*
 Goode
Shad, English *Clupea pilchardus*
 Goode
Shad, Gulf *Alosa alabamiae*
 Goode
Shad, Lake *M. aureolus*
 Goode
Shad, Ohio *Alosa ohioensis*
 Goode
Shad, White *Clupea medusocris*
 Goode
Sharks
 Beebe, W. (a c)
 Cumming, C. F. G. (b) ch.7
 DuChailu (f) ch.30
 Ellison, N.
 *Goode
 Gregory
 Grenfell (d)
 Grosvenor, G. (f)
 Hildebrand
 Hutchinson
 Lydekker (b) v.5
 Norman (a b)
 *Roule (b)
 Rutledge
 *Scott
 Thompson
 Van Der Muelen
 Walford
 Wise
 ***Young, W. E.
Shark, Angel
 Ellison, N.
Shark, Basking or Bone
Cetorhinus maximus
 Cheney
 Hildebrand
 Holder
 Hutchinson
 Jordan, D. S. (a)
 Lydekker (b) v.5
 Meek
 Norman (a b)
 Smith, H. M. (b)
 ***Young, W. E.
Shark, Blue *Prionace glauca*
 Ellison, N.
 Hildebrand

- Meek
 Walford
 *Young, W. E.
Shark, Carpet
 Ellison, N.
 Norman (b)
Shark, Great white *Carcharodon carcharias*
 *Young, W. E.
Shark, Gummies
 Ellison, N.
Shark, Hammer-headed
Sphyrna zygaena
 Ellison, N.
 Hildebrand
 Holder
 Jordan, D. S. (a)
 Lydekker (b) v.5
 Murphy, R. C. (f)
 Walford
 Wise
 Young, W. E. app.
Shark, Leopard *Triakis semifasciatus*
 Schultz
Shark, Man-eater
 Adams, M. P. G.
 Hildebrand
 Holder
 Jordan, D. S. (a)
 Norman (b)
 Pattillo
 Smith, H. M. (b)
Shark, Port Jackson
 Ellison, N.
 Hildebrand
 Holder, C. F. (f)
Shark, Shovel-nose
 Ellison, N.
Shark, Sleeper *Somniosus microcephalus*
 Smith, H. M. (b)
Shark, Swell *Catulus uter*
 Holder
Shark, Thresher *Alopias vulpes*
 Holder
 Jordan, D. S. (a)
 Norman (b)
 Smith, H. M. (c)
 Wise
 Young, W. E.
Shark, Tiger *Galercerdo tigrinus*
 Ellison, N.
 Holder (c)
 Norman (b)
 Wise
 Young, W. E.
Shark, Wabblegongs
 Ellison, N.
Shark, Whale *Rhineodon typicus*
 Ellison, N.
 Holder
 Smith, H. M. (b)
 Wise
 Young, W. E.
Sheepshead *Archosargus probatocephalus*
 Bean

- Cheney
 *Goode
 Henshall
 *Holder (a—f)
 Jordan, D. S. (d)
 Meek
 Norris
 *Scott
 Walford
Shiner or Minnow *Notropis heterodon*
 Agassiz
 Evermann (b)
 *Goode
 Jordan, D. S. (d)
 Rafinesque
 Scott
Shovelfish
 Crowder (d)
 Rafinesque
Silversides
Silver fishes *Atherinidae*
 Bean
 Goode
 Jordan, D. S. (d)
 Rafinesque
Siscowet *Cristivomer*, etc.
 Goode
 Jordan, D. S. (d)
Skates
 Bean
 Jordan, D. S. (a)
 Norman (b)
Skipjack *Pomolobus chrysochloris*
 Bean
 Evermann
 *Goode
 Hanna, G. D.
 Henshall
 Jordan, D. S. (d)
 Meek
 Rafinesque
Skim-back *Carpiodes velifer*
 Goode
 Rafinesque
Smelts *Osmeridae*
 Bean
 Goode
 Hildebrand
 Jordan, D. S. (d)
 LaGorce (a)
 Meek
 Regan
 Roule (b)
 Schultz
 Smith, H. M. (g)
 Ward
Smelt, Alaska
 Goode
Smelt, European *Osmerus eperlanus*
 Goode
 Jordan, D. S. (a)
 Lydekker
Smelt, Fresh-water
 Goode
Snappers
 Goode
 Henshall
 Hildebrand

- Jordan, D. S. (d)
Lydekker
Walford
- Snapper, Black**
Goode
Jordan, D. S. (d)
- Snapper, Gray** *Neomaenis griseus*
Longley, W. H. (a b)
Mowbray
- Snapper, Red** *Neomaenis*
Goode
Henshall
Jordan, D. S. (d)
- Soles**
Goode
Jordan, D. S. (d)
Lydekker (b) v.5
Norman
Scott
Ward
- Sole, California** *Eopsetta jordani*
Goode
- Sole, European** *Solea vulgaris*
Goode
- Spadefishes** *Chaetodipterus faber*
Bean
Goode
Hildebrand
Meek
- Spear-fish or Marlin** *Tetrapturus imperator*
Goode
Hildebrand
Holder
Norman
- Spilurus** *Ctenobrycon spilurus*
Mellen (a)
- Spot** *Leiostomus xanthurus*
Bean
Goode
- Springfish** *Cottus icatops*
Rafinesque
- Square-tails** *Tetragonurus cuvieri*
Jordan, D. S. (a)
Lydekker (b) v.5
- Squaawfish**
See Pike, Sacramento
- Squirrel-fishes** *Holocentrus ascensionis*
Beebe, W. (g)
Goode
Jordan, D. S. (a)
Longley, W. H. (a)
Walford
- Squeteague** *Cynoscion regalis*
Cheney
Goode
Hildebrand
Jordan, D. S. (a)
Scott
- Starfish** *Poronotus triacanthus*
Agassiz, E. C. (b)
Alcock
Arnold
Beebe, W. (c e)
Crowder (d)
Holder (a—f)
- Johnson and Snook
Jordan, D. S. (d)
Mayer, A. G.
Roule (b)
Thompson
Ward
- Steelhead** *Salmo gairdnerii*
Bean
Goode
Henshall
Jordan, D. S. (a)
- Sticklebacks, Three-spined** *Gasterosteus aculeatus*
Goode
Jordan, D. S. (a)
Schultz (b)
- Stingray or Stingaree** *Dasyatis*
Adams, H. C. (c)
Adams, M. P. G.
Alcock
Beebe, W. (c)
*Cheney
Clark, A. H. (c)
Epler, B. N.
Gardner, I. C.
Henshall
Hildebrand
Hutchinson
Lydekker (b) v.5
*Meek
Miner, R. W. (b)
Norman (a b)
• Ward
See also Ray
- Sturgeons** *Acipenseridae*
Bean
Beebe, W. (a c)
*Goode
Hildebrand
Jordan, D. S. (d)
LaGorce
*Lydekker (b) v.5
Meek
Norman (a b)
*Rafinesque
Ross, A.
Scott
Simpich (e)
- Sturgeon, Lake** *Acipenseridae*
Bean
*Evermann
Goode
Jordan, D. S. (d)
Townsend, C. H.
- Sturgeon, Ohio** *Acipenser rubicundus*
Evermann
Goode
Rafinesque
- Sturgeon, Red** *Acipenser rubicundus*
Goode
- Sturgeon, Shovel-nosed (or beaked)** *Scaphirhynchus platyrhynchus*
Goode
Jordan, D. S. (d)
Lydekker (b) v.5
- Sturgeon, True** *Acipenser sturio*
Lydekker (b) v.5
- Sturgeon, White** *Acipenser transmontanus*
Goode
Schultz (b)
- Sucker, Common** *Catostomus commersonii*
Bean
Evermann
Filson
*Goode
Henshall
Hildebrand
Jordan, D. S. (d)
Kolb, E.
*Lydekker (b) v.5
Meek
Norman (a)
*Rafinesque
Scott
Thompson
- Sucker, Sacramento** *Catostomus occidentalis*
Goode
Jordan, D. S. (a)
Schultz (b)
- Suckerel** *Cycleptus elongatus*
Goode
Jordan, D. S. (d)
Rafinesque
- Sunfish, Ocean** *Ranzania trunata*
Beebe, W. (e f)
Schultz
- Sunfish, Pygmy**
Harper
- Sunfish, Spotted**
Harper
- Sun-fishes** *Lepomis gibbosus*
Bean
*Cheney
Evermann
Filson
*Goode
Harper
Hildebrand
*Holder
Jordan, D. S. (d)
Lydekker (b) v.5
Meek
Mowbray
Rafinesque
Schultz
*Scott
- Sun-fishes, Blue** *Lepomis palidus*
Cheney
Goode
Jordan, D. S. (d)
Norman (a b)
Smith, H. M. (b)
- Surf-fishes** *Embiotocidae*
Goode
Holder
Jordan, D. S. (d)
Regan
- Surgeon fishes** *Acanthuridae*
Beebe, W. (e)

Surgeon fishes—Continued

- Jordan, D. S. (d)
 Lydekker
Swallowers, Black *Chiasmodon niger*
 Beebe, W. (e)
 Jordan, D. S. (a)
Swell or Puffer
 Hildebrand
 Mowbray
Sword-fishes *Xiphias gladius*
 Bean
 Beebe, W. (a c)
 *Cheney
 Crowder (d)
 *Goode
 Grey (a b)
 Gudger
 Hildebrand
 Holder
 Hutchinson
 Jordan, D. S. (d)
 LaGorce (a)
 *Lydekker (b) v.5
 Mann, L. Q.
 *Meek
 Mellen (a)
 Murphy, R. C. (f)
 Norman (a b)
 Regan
 Scott
 Thompson
 Walford
Tarpon or Silver king *Tarpon atlanticus*
 Beebe, W. (a c)
 *Cheney
 Goode
 *Grey (b)
 Henshall
 *Holder
 Hutchinson
 Jordan, D. S. (d)
 LaGorce (c)
 Meek
 Mowbray
 Norman (a b)
 Sultan
Taug *Teuthis hepatus*
 Goode
Tautog *Tautoga onitis*
 Goode
 Jordan, D. S. (a)
 LaGorce (a)
Tench *Tinca tinca*
 Bean
 Goode
 Meek
 Ward
Telescope-eye *Opisthoproctus*
 Beebe, W. (e)
Tetra *Astyanax fasciatus acneus*
 Mellen (a)
Thimble-eye *Scomber colias*
 Goode
Tile-fish *Lopholatilus chamaeleonticeps*
 Herdman
 Hildebrand

- Jordan, D. S. (d)
 LaGorce (a)
 Lydekker (b) v.5
 Meek
 Norman
Toadfish or Frogfish *Opsanus tau*
 Beebe, W. (a c)
 Goode
 Jordan, D. S. (a)
 Lydekker (b) v.5
 Meek
 Norman
 Rafinesque
Tomcod
 Bean
Toter *Hyptelium nigricans*
 Rafinesque
Trepang
 Holder, C. F. (f)
Trout *Salmo*
 Bean
 Bradford
 Caine
 *Cheney
 *Filson
 *Goode
 Goodwin (b)
 Grenfell (d)
 Henshall
 Hildebrand
 Hutchinson
 *Jordan, D. S. (d)
 Koelz
 Kolb, E.
 MacKenzie, C. D.
 Mayer, A. M.
 Meek
 Moses, G. H. (a)
 Norman
 *Rafinesque
 Roy, L. C. (a c)
 Sandys ch.8
 Schultz (b)
 *Scott
 Townsend, C. W. (b)
 Walton, I.
 Ward
 Watson
 Wilson, J. A. (b)
Trout, Brook *Salvelinus fontinalis*
 Bean
 Bradford
 Camp
 *Cheney
 Corey, H. (c)
 Evermann
 *Goode
 Hallock
 Henshall
 Hildebrand
 *Jordan, D. S. (d)
 Kerbeck, M.
 *Meek
 Norris
 Oxholm
 Scott
 Townsend, C. H.
 Ward
Trout, Brown *Salmo trutta*
 Bradford

- Camp
 Goode
 Vosburgh
 Ward
Trout, Bull *Salvelinus malma*
 Goode
 Ward
Trout, Cut-throat *Salmo clarkii*
 Borah
 Goode
 Holder
 Jordan, D. S. (d)
 Schultz (b)
Trout, Dolly Varden *Salvelinus malma*
 Bradford
 Cheney
 Goode
 Henshall
 Jordan, D. S. (d)
 Meek
 Schultz (b)
Trout, Golden *Salmo*, etc.
 Bradford
 Goode
 Henshall
 Jordan, D. S. (d)
 Schultz (b)
Trout, Greenland
 Bradford
 Goode
Trout, Herring
 Mellor, F. H.
Trout, Lake *Cristivomer namaycush*
 Bean
 Bradford
 Camp
 *Cheney
 *Goode
 Hildebrand
 Jordan, D. S. (d)
 Norris
 Townsend, C. H.
 Vosburgh
 Ward
Trout, Mountain *Salmo gairdnerii irideus*
 Bradford
 Cheney
 Goode
Trout, Piute *Salmo seleniris*
 Schultz (b)
Trout, Rainbow *Salmo irideus*
 Bean
 Borah
 Bradford
 Camp
 Cheney
 Goode
 Griggs, R. F. (a)
 Henshall
 Hutchinson
 Jordan, D. S. (d)
 Schultz, L. P. (b)
 Townsend, C. H.
 Tweedsmuir
 Vosburgh
 Ward

- Trout, Rio Grande** *Salmo mykiss spilurus*
Bradford
Cheney
Goode
Jordan, D. S. (d)
- Trout, Rock** *Hexagrammos decagrammus*
Goode
- Trout, Salmon** *Salmo gairdneri*
Bradford
Goode
Hallock
Holder
Jordan, D. S. (d)
Shenon
Walmsley
See also Steel-head
- Trout, Sea** *Salmo salar*
Bradford
Forbes
*Goode
Henshall
Hildebrand
Mayer
*Meek
Norris
Peel (b)
*Roule (b)
Ward
Williams, M. O. (m)
- Trout, Sebago** *Salmo salar sebago*
Goode
Hallock
- Trout, Silver** *Salmo gibbsii*
Bradford
Goode
Hallock
Jordan, D. S. (d)
- Trout, Speckled** *Salvelinus fontinalis*
Cheney
Goode
Jordan, D. S. (d)
- Trout, Steel-head** *Salmo irideus*, *S. gairdneri*
Goode
Holder
Jordan, D. S. (d)
Schultz (b)
Shenon
- Trout, Yellowstone** *Salmo clarkii lewisi*
Bradford
Goode
Henshall
Jordan, D. S. (d)
Schultz (b)
- Trumpet-fishes** *Aulostomus maculatus*
Lydekker (b) v.5
Norman
- Trunkfishes** *Ostraciidae*
Holder
Jordan, D. S. (d)
Longley, W. H. (a)
Meek
Norman (a)
- Tullibee** *Leucichthys*
Goode
Jordan, D. S. (d)
- Tuna** *Thunnus thynnus*
Goode
Grey (a b)
Holder
Jordan, D. S. (d)
LaGorce (a)
MacKenzie, C. D.
Mowbray
Norman
Tressler
Wilson, J. A. (a)
See also Tunny: horse mackerel
- Tunny** *Thunnus thynnus*
Bean
Beebe, W. (a c)
Bosson, Mrs. (a)
Fairchild, D. (b)
Goode
Hutchinson
*Jordan, D. S. (d)
Longley, W. H. (a)
Meek
Norman (a b)
Roule
*Scott
Smith, H. M. (b h)
Thompson
Wilson
Wright, H. D.
- * **Turbot** *Balistes carolinensis*
Beebe, W. (a c)
*Goode
Hutchinson
*Jordan, D. S. (d)
Lydekker (b) v.5
Meek
Norman
*Scott
Thompson
Ward
Wilson
- Tusk**
See Cusk
- Unicorn-fish** *Alutera scripta*
Jordan, D. S. (d)
Lydekker (b) v.5
Norman
- Viper-fish, Saber-toothed** *Chauliodus sloanei*
Beebe, W. (e)
- Wahoo or Woohoo** *Acanthocybium solandri*
Beebe, W. (a c)
Goode
Grey (a b)
Mowbray
Norman (b)
Walford
- Walking fish** *Periophthalmus*
Mjoberg ch.17
- Weakfish** *Cynoscion*
Bean
Caine
*Cheney
- *Goode
Hildebrand
*Holder
Jordan, D. S. (d)
Lydekker (b) v.5
Norman (a b)
Norris
Scott
- Weather fish** *Misgurnus fasciatus*
Mellen (a)
- White-eyes**
Rafinesque
- Whitefish** *Coregonus clupeiformis*
Bean
Burg, A. (d)
*Goode
Hildebrand
Hutchinson
Jordan, D. S. (d)
*Lydekker (b) v.5
Norman
Norris
Roule (b)
Thompson
Townsend, C. H.
Walford
Williams, M. O. (m)
Wilson, J. A. (b)
- Whitefish, Alaska** *Argyrosomus alascanus*
Goode
- Whitefish, Black-fin** *Argyrosomus nigripinnis*
Goode
Jordan, D. S. (d)
- Whitefish, Common** *Coregonus clupeiformis*
Goode
Jordan, D. S. (d)
- Whitefish, Hump-backed** *Coregonus nelsoni*
Goode
Jordan, D. S. (d)
- Whitefish, Lake** *Coregonus clupeiformis*
Goode
- Whitefish, Mountain** *Prosimium wilhamsoni*
Goode
- Whitefish, Silver**
Goode
- Whiting** *Merluccius bilinearis*
Bean
*Goode
Hildebrand
Hutchinson
*Jordan, D. S. (d)
LaGorce (a)
*Lydekker (b) v.5
Meek
Norman (a)
Roule
Thompson
- Wingfish**
Goode
Hildebrand

- | | | |
|---|---|---------------------------------------|
| Wolf-fishes <i>Anarrhichas lupus</i> | Yellow-tail <i>Ocyurus chrysurus</i> | Mowbray |
| Lydekker (b) v.5 | Bean | Schultz |
| Meek | Beebe, W | Walford |
| Norman (a) | Goode | Zander <i>Salmo lucioperca</i> |
| Scott | Grey | Goode |
| <i>See also</i> Cat fish | *Holder | Zebra-fish <i>Chaetodon</i> |
| Yellow-jack | *Jordan, D S. (d) | Coates |
| Gordon, M. | Longley, W. H. (a) | Hutchinson |
| | | Lydekker (b) v.5 |

Section 10. Division 5. AMPHIBIANS

This division was developed by Dr. Doris M. Cochran, author, assistant curator and authority on amphibians, who has made use of the year of publication to identify the different titles under the same author's name in addition to the letters used for the same purpose.

This division on amphibians also has three sub-divisions, viz: salamanders and tailless amphibians, including frogs, toads, and their allies; and caecilians, the legless burrowing amphibians. In the bibliography Miss Cochran's authorship is well represented along with that of her scientific staff associates.

Popular books in this division being quite limited in number, references are made to interesting current literature found in the periodicals *Natural History*, *Nature Magazine* and *Copeia*.

Complete entries for these titles and others on the same subject will be found in the main bibliography, Section 15.

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A tree toad gymnast. 1928
- Rose, Walter**
A beautiful frog. 1926
- Sarvis, Mrs. Cecil**
The white frog. 1930
- Shanafelt, Marjorie**
M'sieur Toad. 1929
- Vinton, K. W.**
A frog that eats bats and snakes. 1938

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Salamanders

- Allegheny salamander**
Bishop and Crisp 1933
(a)
- Axolotl** *Ambystoma*
Gilmore and Cochran 1930
(a)
Noble, G. K. 1931 (b)
- Blind salamander** *Typhlomolge*
Gilmore and Cochran 1930
(a)
Mohr 1935 (b)
Noble, G. K. 1927 (h)
1931 (b)
See also Texas
- Caecilians**
See end of this Division
- Cave salamander** *Eurycea lucifuga*
Noble, G. K. 1927 (h)
- Congo "eel" or "snake"** *Amphuma*
Grimshawe 1937 (b)
- Dusky salamander** *Desmognathus fuscus*
Hamilton, W. J. 1932 (a)
Mohr 1935 (b)
- Fire salamander** *Salamandra*
Mohr 1935 (b)
- Four-toed salamander** *Hemidactylum scutatum*
Branin 1935
- Giant salamander** *Megalobatrachus*
Gilmore and Cochran 1930
(a)
- Hellbender**
Champlain 1929
Noble, G. K. 1931 (b)
- Japanese newt** *Triturus pyrrhogaster*
Kuhn 1924
- Jefferson's salamander** *Ambystoma jeffersonianum*
Brownell 1937 (b)
Mohr 1935 (b)
Noble, G. K. 1931 (b)
- Long-tailed salamander** *Eurycea longicauda*
Brownell 1937 (b)
Hassler 1929 (c)
See also Cave salamander
- Marbled salamander** *Ambystoma opacum*
Brownell 1937 (b)
Noble, G. K. 1931 (b)
- Mud puppy** *Necturus*
Brownell 1937 (b)
Hamilton, W. J. 1932 (a)
- Newt** *Triturus*
Brownell 1937 (b)
Gilmore and Cochran 1930
(a)
Haller 1933
Hamilton, W. J. 1932 (a)
Kuhn 1924
Stein, K. E. 1938
- Purple salamander** *Gyrinophilus porphyriticus*
Hamilton, W. J. 1932 (a)
Hassler 1932 (b)
- Red salamander** *Pseudotriton ruber*
Bishop, S. C. 1925 (b)
- Red-backed salamander** *Plethodon cinereus*
Hamilton, W. J. 1932 (a)
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- Salamander**
Clark, A. H. (c)
Gilmore and Cochran 1930
(a)
Hassler 1929 (c)
Lull 1929 (a)
Mohr 1935 (b)
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- Siren** *Siren lacertina*
Gilmore and Cochran 1930
(a)
- Slender salamander** *Batrachoseps*
Brownell 1937 (b)
- Slimy salamander** *Plethodon glutinosus*
Brownell 1937 (b)
Hamilton, W. J. 1932 (a)
- Spotted salamander** *Ambystoma maculatum*
Brownell 1937 (b)
Curtis, Catharine 1934
Noble, G. K. 1931 (b)
- Texas salamander** *Ambystoma texanum*
Brownell 1937 (b)
- Tiger salamander** *Ambystoma tigrinum*
Brownell 1937 (b)
Kumpf 1934
Noble, G. K. 1931 (b)
- Two-lined salamander** *Eurycea bislineata*
Brownell 1937 (b)
Hamilton, W. J. 1932 (a)

Tailed Amphibians: Frogs and toads and their allies

- Albino frog**
Sarvis 1930
- Alligator frog**
Harper 1932 (b c)
- American bell-toad** *Ascaphus truei*
See Tailed frog
- American toad** *Bufo americanus*
Dickerson 1907
Kellogg 1932 (a)
Noble, G. K. 1931 (b)
Overton 1920
Shanafelt 1929 (c)
- Anderson's tree-frog or tree-toad** *Hyla andersoni*
Dickerson 1907
Noble, R. C. 1931
- Arum frog**
Rose, W. 1926
- Barking frog** *Eleutherodactylus inoptatus*
Hassler 1930 (a) 1933 (d)
Kellogg 1932 (a)
Noble, G. K. 1923 (c)
- Bullfrog** *Rana catesbeiana*
Cochran 1932 (b j)
Dickerson 1907
- Frost, S. W. 1935
Gadow 1901 (b)
Gilmore and Cochran 1930
(a)
Kellogg 1932 (a)
MacGillivray 1928
Overton 1920
Shanafelt 1928 (b)
Vinton 1938
- California toad** *Bufo halophilus*
Dickerson 1907

- Clawed frog** *Xenopus*
Cochran 1932 (b j)
Gadow 1901 (b)
Noble, G. K. 1931 (b)
- Colorado River toad** *Bufo alvarius*
Cochran 1932 (b j)
Dickerson 1907
Kellogg 1932 (a)
Noble, G. K. 1931 (b)
- Common bullfrog**
See Bullfrog
- Cooing frog** *Eupemphix pustulosus*
Breder 1925
Kellogg 1932 (a)
- Cricket frog** *Acris gryllus*
Cochran 1932 (b j)
Dickerson 1907
Noble, G. K. 1931 (b)
Overton 1920
- Cuban toad** *Bufo peltoccephalus*
Cochran 1932 (b j)
- Cuban tree-toad** *Hyla septentrionalis*
Cochran 1932 (b j)
Kellogg 1932 (a)
- Desert toad** *Bufo alvarius*
See Colorado River toad
- Edible frog** *Rana esculenta*
Cochran 1932 (b j)
- European bell-toad or Fire-toad** *Bombina*
Cochran 1927 (c f) 1932 (b j)
Gilmore and Cochran 1930 (a)
Kellogg 1932 (a)
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- Firetoad**
See European bell-toad
- Florida tree-frog** *Hyla gratiosa*
Dickerson 1907
Kellogg 1932 (a)
- Flying frog** *Polypedates*
Gilmore and Cochran 1930 (a)
Mjoberg ch.15 1930
- Fowler's toad** *Bufo fowleri*
Cochran 1928 (b j)
Dickerson 1907
Noble, G. K. 1931 (b)
Overton 1920
- Frogs**
Allee 1926
Clark, A. H. 1925 (c)
Cochran 1930 (a) 1932 (b)
Fabre
Fraser-Harris 1929
Kellogg 1932 (a)
Vinton 1938
See also Toads
- Giant frog** *Rana goliath*
Gilmore and Cochran 1930 (a)
- Giant toad** *Bufo*
Cott 1938
- Giant tree-frog**
Hyla lichenata of Jamaica
Dunn 1929
Hyla vasta of the Dominican Republic
Noble, G. K. 1923 (c)
Polypedates dennysi of China
Pope, C. H. 1927 (d e)
- Gopher frog** *Rana aesopus*
Dickerson 1907
Noble, G. K. 1931 (b)
- Grass frog** *Rana pipiens*
Dickerson 1907
Kellogg 1932 (a)
- Green frog** *Rana clamitans*
Brownell 1924 (c)
Cochran 1932 (b j)
Dickerson 1907
Overton 1920
- Green tree-frog** *Hyla cinerea*
Cochran 1932 (b j)
Dickerson 1907
Fabre 1913 (c) 1917 (f)
1916 (i) 1932 (a)
- Hermit spadefoot** *Scaphiopus*
Cochran 1932 (b j)
Dickerson 1907
Kellogg 1932 (a)
- Horned toad** *Ceratophrys*
Cochran 1932 (b j)
Kellogg 1932 (a)
- Lagoon-building frog** *Hyla rosenbergi*
Breder 1925
- Leopard frog** *Rana*
Brownell 1924 (c)
Cochran 1932 (b j)
Dickerson 1907
Overton 1920
- Marine toad** *Bufo marinus*
Breder 1925
Cochran 1932 (b j)
Dupuy 1937
Kellogg 1932 (a)
- Marsupial frog** *Pipa*
Lang, H. 1924
Noble, G. K. 1921 (d e)
- Midwife toad** *Alytes obstetricans*
Cochran 1932 (b j)
Gilmore and Cochran 1930 (a)
Noble, G. K. 1931 (b)
- Mink frog** *Rana septentrionalis*
Dickerson 1907
Kellogg 1932 (a)
- Mountain "chicken"** *Leptodactylus fallax*
Cochran 1932 (b j)
Kellogg 1932 (a)
- Müller's clawed frog** *Xenopus mülleri*
Cochran 1932 (b j)
- Narrow-mouthed toad** *Gastrophryne*
Dickerson 1907
Kellogg 1932 (a)
- Nebulous toad** *Bufo valliceps*
Cochran 1932 (b j)
Kellogg 1932 (a)
- Northern frog** *Rana septentrionalis*
Dickerson 1907
- Northern wood frog** *Rana cantabrigensis*
Dickerson 1907
- Oak toad** *Bufo quercicus*
Dickerson 1907
Kellogg 1932 (a)
Noble, G. K. 1931 (b)
- Oregon red-legged frog** *Rana aurora*
Cochran 1932 (b j)
Dickerson 1907
- Pacific tree frog** *Hyla regilla*
Dickerson 1907
Cochran 1932 (b j)
Kellogg 1932 (a)
- Peeper or peeping frog** *Hyla crucifer*
See Spring peeper
- Pickerel frog** *Rana palustris*
Brownell 1924 (c)
Cochran 1932 (b j)
Dickerson 1907
Overton 1920
- Pinewoods tree-frog**
Harper 1932 (b c)
- Pond frog** *Rana clamitans*
Dickerson 1907
- "Porto Rican" toad**
Dupuy 1937
See also *Bufo marinus*
- Rain frog** *Hyla arborea*
Kellogg 1932 (a)
Talman 1926 (a)
- Rain toad**
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- Rocky Mountain toad** *Bufo woodhousii*
Dickerson 1907
Kellogg 1932 (a)
- Salt-marsh frog** *Rana pipiens*
Dickerson 1907
Kellogg 1932 (a)
- Screaming frog** *Rana clamitans*
Dickerson 1907
- Smoky-jungle frog** *Leptodactylus pentadactylus*
Kellogg 1932 (a)
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- Southern bullfrog** *Rana grylio*
Cochran 1932 (b j)
Dickerson 1907
- Southern toad** *Bufo terrestris*
Dickerson 1907
- Southern tree-frog** *Hyla squirella*
Dickerson 1907

- Spadefoot toad** *Scaphiopus*
Kellogg 1932 (a)
Overton 1920
See also Hermit spadefoot
- Spring peeper or Spring frog** *Hyla crucifer*
Cochran 1932 (b j)
Dickerson 1907
Noble, G. K. 1931 (b)
Overton 1920
Pickwell 1932
Spencer 1930
- Striped frog** *Rana virgatipes*
Dickerson 1907
- Striped tree-frog** *Hyla pulchri-lineata*
Noble, G. K. 1923 (c g)
- Surinam toad** *Pipa*
Gilmore and Cochran 1930 (a)
Mann and Mann 1932 (e)
- Swamp tree-frog** *Pseudacris*
Dickerson 1907
- Tadpoleless frog** *Eleuthero-dactylus*
Howes 1926 (b)
Kellogg 1932 (a)
- Tadpoles**
Clark, A. H. 1925 (c)
Cochran 1930 (a) 1932 (b)
Fabre 1913 (c) 1917 (l)
Mayer, A. G. 1905
- Tailed frog** *Ascaphus truei*
Cochran 1932 (b j)
Noble, G. K. 1931 (b)
Noble and Putnam 1931 (i)
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- Toads**
Allee 1926
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- Lankester 1923 (b)
Maynard, E. A. 1934
Osborn, H. F. 1917 (e)
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- Tree-frog or Tree-toad** *Hyla arborea*
Cochran 1932 (b j)
Dickerson 1907
Gilmore and Cochran 1930 (a)
Kellogg 1932 (a)
Overton 1920
Pratt, R. F. 1928
Talman 1926 (a)
- Western frog** *Rana pretiosa*
Dickerson 1907
- Western tree-frog** *Hyla*
Pickwell 1932
- Wood frog** *Rana sylvatica*
Cochran 1932 (b j)
Dickerson 1907
Kellogg 1932 (a)
Noble, G. K. 1931 (b)
Overton 1920

Caecilians

Section 10. Division 6. REPTILES (Snakes)

The reptile division as it appeared in the first edition of this compilation has been largely developed in scope and scientific treatment by Dr. Doris M. Cochran, author and authority on reptiles and amphibians and assistant curator in the United States National Museum. Discussions of these subjects by Dr. Cochran appear under ten titles listed in the main bibliography in Section 15 of this index.

This division on reptiles has two interesting and important sub-divisions. One is on lizards and the other on turtles, including the terrapin and tortoise.

In this division as in the amphibian division, the editor has used letters representing the year of publication to identify titles when the author is represented by more than one, in addition to the figures.

Complete entries will be found in the main bibliography in Section 15 for the titles here listed and for many other authors who make incidental references to reptiles in their field explorations.

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The gila monster. 1924
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- Acanthophis antarcticus*
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Aesculapian snake *Elaphe*

- longissima*
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Akoma

- Figuier 1870
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- Pope, C. H. 1937 (d)

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- Adams, M. P. G. 1924
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- Dubois 1896
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Anaconda *Eunectes murinus*

- Bates 1864
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**Wells, J. W. 1886

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Annulated snake *Leptodira*

- Pope, C. H. 1937 (d)

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- Clark, L. 1938
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- Pope, C. H. 1937 (d)

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Blacksnake, American *Coluber constrictor*

- Baird 1853 and 1862 (d)
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- Semon 1899

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- Oswald 1880

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- Shakespeare 1860

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- Thomas, B. 1932

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- inornatus*

- Mann, W. M. 1930 (d)

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- Burrowing snake**
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 Pope, C. H. 1937 (d)
- Cobra** *Naia*
 Beebe, W. 1927 (b)
 Burnet 1912
 Clark, L. 1938
 Coolidge 1933
 Cumming, C. F. G. 1892 (c)
 Ditmars 1927-33 (a) 1931 (b) 1911 (h)
 Eardley-Wilmot 1910 (a)
 Figuier 1870
 Fitzsimons 1912 (c)
 Gadow 1901 (b)
 Gilmore and Cochran 1930 (a)
 Guenther 1931
 Hoefler 1931
 Hrdlicka 1912 (a)
 Johnson, Martin 1931 (d)
 Johnston, H. H. 1903 (e—1)
 Loring 1924
 Lydekker (b) v 5
 Maugham 1914 (c)
 Methuen 1846
 Myoberg 1930 ch.12
 Moore, W. R. 1934 (e)
 Newall, J. T. 1866 (a)
 Noble, G. K. 1921 (d e)
 Pope, C. H. 1928 (b) 1924 (c) 1937 (d)
 Rankin, D. J. 1893
 Semon 1899
 Wall 1921
 Wells, C. 1925 (a)
 Wilson, J. C. 1934
- Cobra, Cape** *Naja flava*
 Fitzsimons 1912 (c)
- Constrictor (Boa)**
 See Boa constrictor
- Copperhead** *Agkistrodon mokasen*
 Ditmars 1905, 1911, 1915, 1927-34 (a—h)
 Figuier 1870
 Gadow 1901 (b)
 Gething 1931
 Gilmore and Cochran 1930 (a)
 Hildebrand, S. F. 1930
 Hyde, B. T. B. 1925
 Lydekker (b)
 Mann, W. M. 1930 (d)
 Noble, G. K. 1927 (h)
- Pope, C. H. 1937 (d)
 Stejneger 1895 (b)
 See also Chunk-head snake
- Coral snake or Harlequin snake** *Micrurus fulvius*
 Anthony, H. E. 1921 (c)
 Davis, R. N. 1925
 Ditmars 1927-33 (a) 1931 (b) 1915 (c)
 Gilmore and Cochran 1930 (a)
 Lydekker (b)
 Pope, C. H. 1937 (d)
 Stejneger 1895 (b)
 Sultan 1932
 See also Bead snake
- Coral king snake** *Lampropeltis elapsoides*
 Mosauer 1935 (a)
- Corn snake** *Elaphe guttata*
 Baird 1853 and 1862 (d)
 Largelamb 1907
 Pope, C. H. 1937 (d)
- Cotton-mouth** *Agkistrodon piscivorus*
 Cory 1896 (e)
 Ditmars 1927-33 (a) 1931 (b) 1915 (c)
 Gething 1931
 Gilmore and Cochran 1930 (a)
 Stejneger 1895 (b)
 See also Water moccasin
- Crocodile** *Crocodylus*
 Bailey, H. 1894
 ***Baker, S. W. 1868 (a) 1875 (d) 1890 (g)
 Baldwin, W. C. 1863-94
 Barrett, C. 1930 (a) 1924 (b)
 Beebe, W. 1927 (b)
 Bland-Sutton 1911
 **Bock 1882 (c)
 Brander 1923
 Brandes 1929
 Brown, W. H. 1899
 Casati 1891
 Chadwick 1929 (a)
 Cory 1896 (e)
 Davis, R. N. 1925
 Dickey, H. S. 1932 (b)
 Dill and Edwards 1931
 **Ditmars 1927 (a) 1915 (c)
 Dowsett 1925
 Drury, R. 1890
 ***DuChailu
 Ellis, W. 1859
 Gadow 1901 (b)
 Gilmore and Cochran 1930 (a)
 Gomes 1911 (a b)
 ***Gordon-Cumming 1850 (b)
 **Gouldsbury 1911 (a)
 Grubb 1930 (b)
 Guillemard 1889 (a)
 Hamilton, C. 1870
 Hingston 1923 (c)
 Hoefler 1931

- ***Hornaday 1885-1904 (a c)
Johnson, I. C. 1903
Johnson, Martin 1931 (d)
1935 (f p.55)
Johnston, H. H. 1903
(c-1) 1898
Kerr 1886
Leveson 1877 (d)
Loring 1924
- **Lydekker (b) v. 5
McCreagh 1928
Macintyre 1889
- **Maugham 1914 (c)
Methuen 1846
Millais 1924 (a)
- **Mjoberg 1930 ch 11
Osborn, C. S. 1924
Pacz 1868
Park, M. 1800
- *Perceival 1924 (a) 1928 (b)
*Powell-Cotton 1902 (c)
*Sanderson, G. P.
Savile 1924 (a) 1925 (b)
Savory 1900
- **Schillings 1905 (a)
Torday 1919 (b)
Zahm 1910 (a)
- Crocodile, American or**
Florida Crocodylus acutus
Dimock 1918
Ditmars 1927 (a) 1911 (h)
- Crocodile, Man eater** *Crocodylus*
Baker, S. W. 1868 (a)
Barnes 1915
Hornaday 1885-1904 (a)
Kerr 1886
- Crocodile, Nile** *Crocodylus niloticus*
Ditmars 1911 (h)
Gilmore and Cochran 1930 (a)
- Crocodile, Salt-marsh** *Crocodylus porosus*
Barrett, C. 1924 (h)
Ditmars 1911 (h)
- Crowned snake** *Tantilla coronata*
Pope, C. H. 1937 (d)
- Cylinder snake**
Ditmars (1931) (b) p.89
Lydekker (b)
See also Flying snake
- DeKay's or Brown snake**
Storeria dekayi
Brownell 1930 (a)
Clausen 1936
Ditmars 1927-33 (a) 1931 (b) 1915 (c) 1911 (h)
Pope, C. H. 1937 (d)
- Desert snake**
Figuier 1870
See also Viper
- Diamond-back rattlesnake**
Crotalus adamanteus
Ditmars 1927-33 (a)
Figuier 1870
- Gilmore and Cochran 1930 (a)
Lydekker (b)
- Dice snake** *Natrix tessellata*
Ditmars 1931 (b)
See also Tessellated snake
- Dog-nosed snake** *Ficimia cana*
Ditmars 1915 (c)
- Earth snake**
Wall 1921
- Egg-eating snake** *Dasypeltis scabra*
Baird 1853 and 1862 (d)
Ditmars 1927-33 (a) 1931 (b)
Fitzsimons 1912 (c)
Lydekker (b) v.5
Pope, C. H. 1937 (d)
- Elapine snake** *Elapinae*
Ditmars 1927-33 (a) 1931 (b)
See also Cobra
- Emory's snake** *Elaphe lacta*
Ditmars 1931 (b)
- Faded snake**
Pope, C. H. 1937 (d)
- Fer-de-lance** *Bothrops atrox*
Anthony, H. E. 1921 (c)
Davis, R. N. 1925
Ditmars 1927-33 (a) 1931 (b) 1911 (h)
- Field snake**
Pope, C. H. 1937 (d)
- File snake**
Fitzsimons 1912 (c)
- Flying snake** *Chrysopheala*
Ditmars 1931 (b)
Pope, C. H. 1937 (d)
- Four-rayed snake** *Elaphe quadrilineata*
Ditmars 1927-33 (a)
Lydekker (b)
- Fox snake** *Elaphe vulpina*
Ditmars 1931 (b) 1915 (c) 1911 (h)
Largelamb 1907
Pope, C. H. 1937 (d)
- Freshwater snake**
Ditmars 1931 (b)
Figuier 1870
- Garter snake** *Thamnophis sirtalis*
Baird 1853 and 1862 (d)
Ditmars 1927-33 (a) 1931 (b) 1915 (c) 1911 (h)
Dodge, R. I. 1876 (b)
Gilmore and Cochran 1930 (a)
Haller 1933
Harrison, M. B. 1933
Lydekker (b)
Palmer, E. L. 1939 (d)
Pope, C. H. 1937 (d)
- Gavial** *Gavialis*
Ditmars 1911 (h)
Gilmore and Cochran 1930 (a)
Hornaday (a)
Mann, W. M. (b)
- Gila monster** *Heloderma suspectum*
Bernheimer 1923
Ditmars 1927-33 (a) 1915 (c)
Gilmore and Cochran 1930 (a)
Palmer, E. L. 1939 (d)
Shantz 1937
- Glass "snake"** *Ophisaurus ventralis*
See Lizard Division
- Gopher snake** *Pituophis*
Baird 1853 and 1862 (d)
Ditmars 1927-33 (a) 1931 (b) 1915 (c)
Hanna 1923
Hogg, J. F. 1931
Hornaday 1904 (c)
Mosauer 1935 (a)
See also Indigo snake
- Grass snake, Europe** *Natrix natrix*
- Grass snake, United States**
Liopeltis
Anthony, H. E. 1921 (c)
Baird 1853 and 1862 (d)
Brownell 1930 (a)
Ditmars 1927-33 (a) 1931 (b) 1915 (c)
Gouldsbury 1911 (a)
Harper, F. 1934 (a)
Pope, C. H. 1937 (d)
- Gray snake**
Pope, C. H. 1937 (d)
- Green snake** *Liopeltis*
Baird 1853 and 1862 (d)
Ditmars 1927-33 (a) 1915 (c) 1911 (h)
Figuier 1870
Hornaday 1904 (c)
Largelamb 1907
Lydekker (b)
Palmer, E. L. 1939 (d)
Pope, C. H. 1937 (d)
- Green tree snake of Australia**
Barrett, C. 1924 (b)
- Green tree or Pit viper** *Trimacrus gramineus*
Burden 1927 (a)
Greeves-Carpenter 1933
- Ground snake** *Storeria, Ptomophis, Virginia*, and other genera
Baird 1853 and 1862 (d)
*Ditmars 1927-33 (a) 1931 (b) 1915 (c)
Figuier 1870
Lydekker (b)
Pope, C. H. 1937 (d)
See also Earth snake

- Hamadryad** *Naja bungarus*
 Gilmore and Cochran 1930
 (a)
 Pope, C. H. 1937 (d)
 Wall 1921
- Harlequin snake** *Micrurus fulvius*
 Baird 1853 and 1862 (d)
 Cory 1896 (e)
 *Ditmars 1927-33 (a) 1931
 (b) 1915 (c)
 Hornaday 1904 (c)
 See also Bead snake;
 Coral snake
- Hog-nosed snake** *Heterodon contortrix*
 Baird 1853 and 1862 (d)
 Brownell 1930 (a)
 Curran, C. H. 1935
 Ditmars 1915 (c) 1911 (h)
 Greeves-Carpenter 1933
 Hornaday 1904 (c)
 Morris, P. A. 1935
 Mosauer 1932 (b c)
 Noble, G. K. 1934 (f)
 Palmer, E. L. 1939 (d)
 Pope, C. H. 1937 (d)
 Van Duyn 1937 (b)
 See also Blowing viper
- Hooded snake** *Ophis merremi*
 *Ditmars 1931 (b)
 Semon 1899
- Hook-nosed snake** *Ficimia*
 Pope, C. H. 1937 (d)
- "Hoop" snake** *Farancia abacura*
 *Ditmars 1931 (b)
 Hornaday 1904 (c)
 Lydekker (b)
 Pope, C. H. 1937 (d)
 Schmidt, K. P. 1925
- Horn snake or Mud snake**
Farancia abacura
 Heiser 1931
 Meade 1937
 Pope, C. H. 1937 (d)
- Horned adder or Sand viper**
Cerastes cornuta
 Fitzsimons 1912 (c)
- Horned palm viper**
 Greeves-Carpenter 1933
- Horned snake** *Cerastes cornuta*
 Bailey, H. 1894
 *Ditmars 1931 (b)
 Lawson 1875 ch.4
 Lewis and Clark 1871
 See also Viper
- Horned viper of Australia**
 Barrett, C. 1924 (b)
- "Horsehair" snake**
 See Worms
- House snake** *Elaphe guttata*
 Baird 1853 and 1862 (d)
 Ditmars 1915 (c)
 Fitzsimons 1912 (c)
 Gilmore and Cochran 1930
 (a)
 Johnston, H. H. 1920 (l)
 Lydekker 1891 (b)
- Morley 1936
 Ober 1880
 Russell, P. 1929
 Shiras 1915 (h)
 Tschiffely 1929
 Von Hagen 1937 (d)
- Indigo snake** *Drymarchon corais*
 Baird 1853 and 1862 (d)
 Ditmars 1927-33 (a) 1915
 (c)
 Harper, F. 1934 (a)
 Hogg, J. E. 1931
 Hornaday 1904 (c)
 Pope, C. H. 1937 (d)
- Jararaca** *Bothrops*
 Desmond 1934 p.245
 Lange 1912 (a)
 Lydekker (b)
 Rice, A. H.
 Wells, J. W. 1886
 See also Viper
- Jew's harp snake** *Trimorphodon lyrophanes*
 Ditmars 1915 (c)
- Joint "snake"**
 See Legless lizard
- Karait or Krait** *Bungarus*
 Coolidge 1933
 Ditmars 1927-33 (a)
 Moore, W. R. 1934 (e)
 Pope, C. H. 1937 (d)
 Wall 1921
 See also Viper
- Karung** *Achrochordus javanicus*
 Pope, C. H. 1937 (d)
- King snake** *Lampropeltis getulus*
 Ariza 1932
 Baird 1853 and 1862 (d)
 Brownell 1930 (a)
 Cory 1880 (a)
 Ditmars 1927-33 (a) 1931
 (b) 1915 (c) 1911 (h)
 Gilmore and Cochran 1930
 (a)
 Hathcock 1937
 Hornaday 1904 (c)
 Rutledge 1935
 Palmer, E. L. 1939 (d)
 Pope, C. H. 1937 (d)
- King-cobra**
 See Cobra
- Kirtland's snake** *Natrix kirtlandi*
 Ditmars 1915 (c)
- Labarri** *Elaps lemniscatus*
 Crampton 1920
 Singer 1914
- Leaf-nosed snake** *Phyllorhynchus*
 Pope, C. H. 1937 (d)
- Leopard snake** *Elaphe leopardina*
 Ditmars 1927-33 (a) 1931
 (b) 1915 (c)
 Lydekker (b)
 Pope, C. H. 1937 (d)
- Little green garter snake**
 Baird 1853 and 1862 (d)
- Lizards**
 See Sub-division a. Lizards, at the end of this Reptile division, preceding Turtle subdivision.
- Long-headed snake** *Oxybelis acuminatus*
 Pope, C. H. 1937 (d)
- Long-nosed snake**
 Pope, C. H. 1937 (d)
- Lyre snake** *Trimorphodon lyrophanes*
 Pope, C. H. 1937 (d)
- Mamba** *Dendraspis*
 Ditmars 1931 (b)
 Fitzsimons 1912 (c)
 Gilmore and Cochran 1930
 (a)
 Gouldsbury 1911 (a)
 Maugham 1914 (c)
 Noble, G. K. 1921 (d e)
 Sykes, C. A. 1903
- Mandotra**
- Mantagory**
 Osborn, C. S. 1824
- Mangrove snake** *Dipsadomorphus dendrophilus*
 Ditmars 1931 (b)
 See also Bush snake
- Massasauga** *Sistrurus catenatus*
 Baird 1853 and 1862 (d)
 Ditmars 1927-33 (a) 1931
 (b)
 Hornaday 1904 (c)
 Pope, C. H. 1937 (d)
 Stejneger 1895 (b)
- Milk snake** *Lampropeltis triangulum*
 Baird 1853 and 1862 (d)
 Brownell 1930 (a)
 Curran, C. H. 1935
 Ditmars 1927-33 (a) 1915
 (c) 1911 (h)
 Gilmore and Cochran 1930
 (a)
 Hyde 1925
 Largelamb 1907
 Pope, C. H. 1937 (d)
- Moccasin snake** *Agkistrodon piscivorus*
 Baird 1853 and 1862 (d)
 Cochran 1926 (d e)
 Cory 1896 (e)
 *Ditmars 1927-33 (a) 1931
 (b) 1915 (c)
 Fountain 1901 (a) 1904 (b)
 Gilmore and Cochran 1930
 (a)
 *Hornaday 1904 (c)

- Lydekker (b)
Mann, W. M. 1930 (d)
See also Viper; Water
moccasin
- Mole snake of Africa** *Pseudaspis cana*
Fitzsimons
- Mud snake, Red-bellied** *Farancia abacura*
Ditmars 1927-33 (a) 1931
(b) 1915 (c)
Gilmore and Cochran 1930
(a)
Grimshawe 1937 (a b)
Pope, C. H. 1937 (d)
See also Horn snake
- Night adder of Africa** *Bitis rhombceatus*
Fitzsimons 1912 (c)
- Night snake** *Leptodira annulata*
Ditmars 1931 (b)
Pope, C. H. 1937 (d)
See also Bush snake
- Parrot snake** *Leptophis occidentalis*
Ditmars 1931 (b)
See also Green tree snake
- Patch nosed snake** *Salvadora mosaueri* 1935 (a)
Pope, C. H. 1937 (d)
- Pike-head**
Ditmars 1927-33 (a)
- Pilot snake** *Elaepe obsoleta*
or *Agkistrodon mokasen*
Baird 1853 and 1862 (d)
Ditmars 1927-33 (a) 1931
(b) 1915 (c)
See also Chunk-head
snake
- Pine snake** *Pituophis melanoleucus*
Baird 1853 and 1862 (d)
Harper, F. 1934 (a)
Hornaday 1904 (c)
Noble, G. K. 1934 (f)
Pope, C. H. 1937 (d)
- Porpoise**
See Mammals
- Prairie snake**
Baird 1853 and 1862 (d)
- Puff adder** *Bitis arietans*
Adams, H. C. 1930 (f)
Fitzsimons 1912 (c)
Gouldsbury 1911 (a)
Johnson, Martin 1935 (f)
p.56
Lydekker (b)
*Maugham 1914 (c)
Maxwell, G. 1907
Pope, C. H. 1937 (d)
Puxley, F. L. 1929
*Schillings 1905 (a)
Sykes, C. A. 1903
See also Adder
- Python snake** *Python*
Arkell-Hardwick 1903
Bailey, H. 1894
Beebe, W. 1927 (b)
Bickmore 1869
Brander 1923
Byam 1849 ch.13, 14
Clark, L. 1938
***Ditmars 1927-33 (a) 1931
(b) 1911 (h)
DuChailu 1871 (f) p.38
**Eardley-Wilmot 1910 (a)
Fitzsimons 1912 (c)
Forbes, H. O. 1886
Gilmore and Cochran 1930
(a)
Gomes 1911 (a)
Gouldsbury 1911 (a)
Hoeffler 1931
***Hornaday 1885-1904 (a)
1904 (c)
Lydekker 1912 (d)
**Maugham 1914 (c)
Maxwell, G. 1907
*Mjoberg 1930 ch 11, 13
Pope, C. H. 1924 (c) 1928
(b) 1937 (d)
Semon 1899
Stanley, H. M. 1890 (c)
Synnington 1935 p.91
Torday 1913 (a) 1919 (b)
Wall 1921
Wilkins, G. H. 1929 (a)
Python, Ball *Python regius*
Ditmars 1911 (h)
Pope, C. H. 1937 (d)
Python, Blood *Python curtus*
Noble, G. K. 1935 (a)
Python, Diamond *Python spilotes*
Barrett, C. 1924 (b)
Queen snake *Natrix septemvittata*
Ditmars 1915 (c)
Pope, C. H. 1937 (d)
Racer *Coluber flagellum*
Ditmars 1927-33 (a) 1931
(b) 1915 (c)
Lydekker (b)
Pope, C. H. 1937 (d)
See also Blacksnake
Rainbow boa *Epicrates cenchrus*
Davis, R. N. 1925
See also Boa snake
Rainbow snake *Abaster crythrogrammus*
Gilmore and Cochran 1930
(a)
Pope, C. H. 1937 (d)
Rat snake *Spilotes*; *Ptyas* and
others
Ditmars 1911 (h)
Pope, C. H. 1937 (d)
Rattlesnake *Crotalus*
Adams, H. C. 1933 (c)
Audubon 1868 (c)
Bates 1864
Bernheimer 1923
Bogert 1927 (a)
Brownell 1930 (a)
Byam 1849 ch.13, 14
Cochran 1929 (i)
Cope 1887 (b)
Cory 1896 (e)
Cowles 1938 (a)
Crampton 1920
Curran, C. H. 1935
Darwin 1870 (a)
Davis, R. N. 1925
**Ditmars 1927-33 (a) 1933
(b) 1915 (c) 1911 (h)
*Dodge, R. I. 1876 (b)
Knock 1907
Figuier 1870
**Fountain 1904 (b)
Gilmore (n)
Gilmore and Cochran 1930
(a)
Gilmore, C. W. 1930 (a)
Guenther 1931
Hanna 1923
Hathcock 1937
Heilprin 1886 (a)
Hogg, J. E. 1931
***Hornaday 1904 (c) 1908
(c)
Kingston 1874 (a)
Lewis and Clark 1871
Lydekker (b) v.5
Lynn 1935
Marcy 1859 (c)
Nichol, Douglas and Peck
1933
Palmer, E. L. 1939 (d)
Pike, Z. 1810 (a)
Pope, C. H. 1937 (d)
Ross, A. 1904
Rutledge 1935
Ruxton 1861 (b)
Stejneger 1895 (b)
Tait 1938
Vachell 1901
Wallihan 1894 (a)
**Wells, J. W. 1886
Wood, F. D. 1933
Rattlesnake, Banded *Crotalus horridus*
Ditmars 1905-36 (a h)
Gilmore and Cochran 1930
(a)
Stejneger 1895 (b)
Rattlesnake, Black tailed *Crotalus molossus*
Curran, C. H. 1935
Ditmars 1905, 1911, 1915,
1927-34 (a-h)
Hornaday 1904 (c)
Rattlesnake, Diamond-back
Crotalus horridus
Curran, C. H. 1935
Ditmars 1927-33 (a) 1911
(h)
Gething 1931
Gilmore and Cochran 1930
(a)
Hornaday 1904 (c)
Lydekker (b)
Mann, W. M. 1930 (d)
Rattlesnake, Grand Canyon
Crotalus confluentus
abyssus
Grater 1938

- Rattlesnake, Green** *Crotalus lepidus*
Ditmars 1931 (b)
- Rattlesnake, Ground** *Sistrurus miliarius*
Curran, C. H. 1935
Hornaday 1904 (c)
- Rattlesnake, Horned** *Crotalus cerastes*
Ditmars 1905-36 (a—h)
- Rattlesnake, Pacific** *Crotalus oregonus*
Ditmars 1905-36 (a—h)
Dixon 1926
Hathcock 1937
Hornaday 1904 (c)
Mann, W. M. 1930 (d)
- Rattlesnake, Prairie** *Crotalus confluentus*
Curran, C. H. 1935
Ditmars 1905-36 (a—h)
Gilmore 1930 (a)
Hornaday 1904 (c)
- Rattlesnake, Price's** *Crotalus pricei*
Ditmars 1915 (c)
- Rattlesnake, Tiger** *Crotalus tigris*
Ditmars 1931 (b)
Hornaday 1904 (c)
- Rattlesnake, Timber or Banded** *Crotalus horridus*
Ditmars 1905-36 (a—h)
Hornaday 1904 (c)
Lydekker (b) v.5
- Rattlesnake, Western diamond** *Crotalus atrox*
Ditmars 1905-36 (a—h)
Hornaday 1904 (c)
- Rattlesnake, Western Massasauga** *Sistrurus catenatus edwardsi*
Ditmars 1905-36 (a—h)
Hornaday 1904 (c)
- Rattlesnake, White** *Crotalus mitchellii*
Ditmars 1905-36 (a—h)
Hornaday 1904 (c)
- Red racer** *Coluber*
Mosauer 1935 (a)
See also Racer
- Red snake**
Pope, C. H. 1937 (d)
- Red-bellied snake** *Storeria occipilo-maculata*
Baird 1853 and 1862 (d)
Blanchard, F. N. 1937
Ditmars 1927-33 (a) 1931 (b) 1915 (c)
Gilmore 1930 (a)
Hornaday 1904 (c)
Lydekker (b)
- Redlipped snake** *Crotaphopeltis hotamboeia*
Fitzsimons 1912 (c)
- Reptiles**
Ansonge 1899 ch.21
Brown, C. B. 1876 (b)
Byam 1849 ch.13, 14
Cope 1875 (c)
Lull 1929 (a)
Osborn, H. F. 1917 (e)
Scott, W. B. 1917 (b)
See also Alligators, Snakes, etc.
- Reticulated python** *Python reticulatus*
Ditmars 1911 (h)
Sheak 1925
See also Python snake
- Rhinoceros viper** *Bitis nasicornis*
Ditmars 1911 (h)
See also Viper
- Ribbon snake** *Thamnophis sauritus*
Baird 1853 and 1862 (d)
Brownell 1930 (a)
Ditmars 1927-33 (a) 1931 (b) 1915 (c) 1911 (h)
Pope, C. H. 1937 (d)
- Ring neck snake** *Diadophis*
Baird 1853 and 1862 (d)
Brownell 1930 (a)
Ditmars 1927-33 (a) 1931 (b) 1911 (h)
Figuier 1870
Lydekker (b)
Pope, C. H. 1937 (d)
- Ringhals** *Sepedon haemachates*
Ditmars 1927 (a) 1911 (h)
Fitzsimons 1912 (c)
Pope, C. H. 1937 (d)
- River snake** *Acrochordus*
Ditmars 1927-33 (a) 1931 (b)
Pope, C. H. 1937 (d)
- Rock snake** *Hypsiglena ochrorhynchus*
Ditmars 1915 (c)
Figuier 1870
Gordon-Cumming 1922 (a)
- Rubber snake** *Charina*
Ditmars 1911 (h)
Pope, C. H. 1937 (d)
Ross, R. C. 1931
- Sand boa** *Eryx*
Pope, C. H. 1937 (d)
- Sand snake** *Psammophis condanarus*
Wall 1921
- Sand snake, South African** *Psammophis furcatus*
Fitzsimons 1912 (c)
- Sand viper** *Cerastes vipera*
Mosauer 1932 (b) (c)
- Scarlet snake** *Cemophora coccinea*
Baird 1853 and 1862 (d)
Ditmars 1927-33 (a) 1931 (b) 1915 (c)
Gilmore and Cochran 1930 (a)
Pope, C. H. 1937 (d)
- "Sea monsters" or "Sea serpents"**
Gilmore and Cochran 1930 (a)
Pope, C. H. 1937 (d)
Snow, E. 1927
- Sea snakes** *Hydrophidae*
Barrett, C. 1924 (b)
Ditmars 1927-33 (a) 1931 (b) 1911 (h)
Figuier 1870
Gilmore 1930 (a)
Lydekker (b)
Mjoberg 1930 ch.11
Pope, C. H. 1937 (d)
- Sharp-tailed snake** *Contia*
Pope, C. H. 1937 (d)
- Short-tailed snake** *Stilosoma*
Pope, C. H. 1937 (d)
- Sidewinder** *Crotalus cerastes*
Mosauer 1932 (b) (c) 1935 (a)
Pope, C. H. 1937 (d)
- Smooth snake** *Coronella*
Ditmars 1927-33 (a) 1931 (b)
Lydekker (b)
- Spectacled snake or Cobra** *Naja*
Mjoberg 1930 ch.12
Semon 1899
- Spitting snake** *Sepedon haemachates*
Gilmore and Cochran 1930 (a)
- Storer's snake** *Storeria*
Blanchard, F. N. 1937
Ditmars 1927-33 (a) 1931 (b) 1915 (c) 1911 (h)
Pope, C. H. 1937 (d)
See also Red-bellied snake
- Striped snake** *Thamnophis sirtalis*
Baird 1853 and 1862 (d)
Ditmars 1927-33 (a) 1931 (b)
See also Garter snake
- Swamp snake** *Liophis cobella* and *Tropidoclonion lineatum*
Ditmars 1927-33 (c)
Pope, C. H. 1937 (d)
- Terrapin**
See Subdivision b, Turtles, at end of this Reptile Division.
- Tessellated snake** *Natrix tessellata*
Ditmars 1927-33 (a) 1931 (b) 1915 (c)
Lydekker (b)
- Three-cornered snake** *Simocephalus capensis*
Fitzsimons 1912 (c)
- Tiger snake** *Notechis scutatus*
Barrett, C. 1924 (b)
Ditmars 1927-33 (a) 1915 (c)
Pope, C. H. 1937 (d)
- Tortoise**
See sub-division b, Turtles, at end of this Reptile Division.

- Tree snake** *Dendrophis*
 Anthony, H. E. 1921 (c)
 Ditmars 1931 (b)
 Fiquier 1870
 Gilmore and Cochran 1930
 (a)
 Lydekker (b)
 Mjoberg 1930 ch.11
 Pope, C. H. 1937 (d)
- Tuatara** *Sphenodon punctatum*
 Blanchard, F. C. 1935
 Gilmore and Cochran 1930
 (a)
 Lange 1912 (a)
- Turtles**
 See Sub-division b, Turtles,
 at end of this Reptile
 Division.
- "Two-headed" snake** *Eryx*
johnii
 Ditmars 1927-33 (a) 1931
 (b) 1915 (c)
 Pope, C. H. 1937 (d)
 Wall 1921
- Viper** *Vipera*
 Burden 1927 (a)
 Coolidge 1933
 Ditmars 1927-33 (a) 1931
 (b) 1911 (h)
 Fitzsimons 1912 (c)
 Gadow 1908 (a)
 Hudson 1917 (a)
 Lynn 1935
- Moore, W. R. 1934 (e)
 Pope, C. H. 1928 (b) 1937
 (d)
 Rice, A. H.
 Wall 1921
- "Viper," Blowing** *Heterodon*
 Pope, C. H. 1937 (d)
- Viper, Gaboon** *Bitis gabonica*
 Ditmars 1911 (h)
 Lynn 1935
- Viper, Horned**
 Johnson, F. E. 1911 (a)
- Viper, Pit**
 Andrews, R. C. 1933 (g)
 Ditmars 1911 (h)
 Gilmore and Cochran 1930
 (a)
 Pope, C. H. 1937 (d)
 See also Viper
- Water moccasin** *Agkistrodon*
piscivorus
 Ditmars 1927-33 (a) 1915
 (c)
 Gilmore and Cochran 1930
 (a)
 Lydekker (b)
 Pope, C. H. 1937 (d)
 Stejneger 1895 (b)
 See also Moccasin
- Water snake** *Natrix*
 Baird 1853 and 1862 (d)
 Brownell 1930 (a)
 • Clay 1935
- Ditmars 1927-33 (a) 1933
 (b) 1915 (c) 1911 (h)
 Dodge, R. I. 1876 (b)
 Haller 1933
 Hornaday 1904 (c)
 Lange 1912 (a)
 Lydekker (b)
 Methuen 1846
 Newall, J. T. 1866 (a)
 Palmer, E. L. 1939 (d)
 Pope, C. H. 1937 (d)
- Water snake, Brown** *Natrix*
Gething 1931
- Whipsnake** *Coluber*
 Ditmars 1931 (b)
 Fiquier 1870
 Kingston 1874 (a)
 Lydekker (b)
 Newall, J. T. 1866 (a)
 Pope, C. H. 1937 (d)
 See also Blacksnake;
 Coachwhip snake
- Whipsnake, African**
 Fitzsimons 1912 (c)
- Worm snake** *Typhlops*, *Car-*
phophis and other genera
 Baird 1853 and 1862 (d)
 Ditmars 1927-33 (a) 1915
 (c) 1911 (h)
 Pope, C. H. 1928 (b) 1937
 (d)
- Yellow lipped snake** *Rhadinea*
flavilata
 Pope, C. H. 1937 (d)

Section 10. Division 6. Subdivision a. LIZARDS

- Lizards**
 Baird 1853 and 1862 (d)
 Barrett 1924 (b)
 Broughton 1936
 Burden 1927 (a)
 Cochran 1926 (d) 1932
 (b j)
 Cowles 1931 (b)
 Davis, R. N.
 Ditmars 1927 (a) 1915
 (c)
 Ewbank 1856
 Gadow (a)
 Gething 1931
 Gilmore and Cochran 1930
 (a)
 Harper, F. 1934 (a)
 Hassler 1930 (a)
 Higgins 1938
 Hogg, J. E.
 *Hornaday 1904 (c) 1908
 (e)
 Klingel 1929
 Lankester 1923 (b)
 Largelamb 1907
 Lull 1929 (a)
 Mjoberg 1930 ch.11
 Moore, W. R. 1936 (b)
 Mosauer 1932 (b)
 Murphy, R. C. 1938 (f)
- Noble, G. K. 1934 (f) 1927
 (h)
 Osborn, H. F. 1917 (e)
 Pope, C. H. 1928 (b) 1937
 (d)
 Schmitt 1935 (c)
 Scott, W. B. 1917 (b)
 Smith, A. D. 1897
 Stebbing 1912 (b)
 Whympere, E. 1892 (b)
 Woodbury 1932
- Alligator lizard** *Gerrhonotus*
 Cott 1938
 Gander 1931
 Gilmore and Cochran 1930
 (a)
 Ditmars 1915 (c)
- Beaded lizard** *Heloderma*
 Ditmars 1915 (c)
 Gilmore and Cochran 1930
 (a)
- Bearded dragon** *Amphibolurus*
barbatus
 Barrett, C. 1924 (b)
- Blue-tailed skink** *Eumeces*
 Ditmars 1915 (c)
 Gilmore and Cochran 1930
 (a)
 Noble, G. K. 1927 (h)
- Blue-tongued lizard or skink**
Tiliqua
 Barrett, C. 1924 (b)
- Brown lizard** *Gerrhonotus lio-*
cephalus
 Ditmars 1915 (c)
- Brown-shouldered lizard** *Uta*
stansburiana subspecies
 Wood, S. F. 1933
 Woodbury 1932
- Chamaeleon** *Anolis*
 Ditmars 1927-33 (a)
 Gilmore and Cochran 1930
 (a)
- Chamaeleon, American or**
"false" *Anolis* species
 Bailey, A. M. 1925
 Ditmars 1915 (c)
 Evans, L. T. 1935
 Gadow 1901 (b)
 Gilmore and Cochran 1930
 (a)
 Smith, G. W. 1927
- Chamaeleon, true** *Chamaeleon*
 species
 Holmes, L. R. 1937

Section 10. Division 6. Subdivision b. TURTLES

- Turtles** *Terrapin* *Tortoise* **Box turtle** *Terrapene*
 Adams, M. P. G. 1924 Cahn 1932 (a) 1933 (b)
 Andre 1904 Cochran 1927 (f)
 Bailey, A. M. Ditmars 1905 (g)
 Barrett, C. 1930 (a) Gadow 1901
 Bird, G. L. Gething 1931
 Burden 1927 (a) Gilmore and Cochran 1930
 Chater, M. 1926 (h) (a)
 Cochran 1927 (f) 1928 (g) Palmer, E. L. 1939 (d)
 Corlett
 Ditmars 1905, 1911, 1915, **Chicken turtle** *Deirochelys*
 1927-34 (a-h) *reticularia*
 Gadow Ditmars 1915 (c)
 Gething 1931
 Gifford 1906
 Gilmore and Cochran 1930
 (a) **Cooter turtle** *Pseudemys*
 Graves, R. A. 1930 (b) Ditmars 1915 (c)
 Grosvenor, G. 1905 (b) *See also* Soft-shelled turtle
 Holt, E. G. 1931 (b)
 Hornaday 1904 (c)
 Lange 1912 (a)
 Largelamb 1907
 Longley, W. H. 1927 (a)
 Lucas, F. A.
 Lull 1929 (a)
 McAtee 1934
 Mellen
 Mitsukuri 1906
 Mjoberg 1930
 Moore, W. R. 1936 (b)
 Mowbray 1922
 Nelson, W. A. 1924
 Palmer, E. L.
 Petite 1932
 Pope, C. H.
 Radcliffe 1930
 Roule 1935 (b)
 Schmitt 1935 (c)
 Slevin 1935
 Swingle 1929
 Westwood 1925 (a)
 Woodroffe 1914
- Alabama terrapin**
 Ditmars 1915 (c)
 Pope, C. H. 1939 (f)
- Aldabra Island tortoise** *Tes-*
tudo elephantinus
 Lucas, F. A. 1922 (b)
See also Galapagos Island
 tortoise
- Alligator turtle** *Macrochelys*
temminckii
 Ditmars 1915 (c)
 Gadow 1901
 Largelamb 1907
 Nelson, W. A. 1924
- Bell's painted terrapin**
Chrysemys bellii
 Petite 1932
 Shaw and Baldwin 1935
- Blanding's turtle** *Emys blan-*
dingii
 Ditmars 1915 (c)
 Pope, C. H. 1939 (f)
- Desert tortoise** *Gopherus*
 Bailey, V. 1928 (d)
 Campbell, J. S. 1927
- Diamond-backed terrapin**
Malaclemys
 Ditmars 1915 (c) 1905 (g)
 Mellen 1927 (b)
 Pope, C. H. 1939 (f)
 Radcliffe 1930
 Tomkins 1937
- Florida terrapin** *Pseudemys*
 Ferguson 1930
- Galapagos Island tortoise**
Testudo
 Cochran 1928 (g)
 Ditmars 1911 (h)
 Gilmore and Cochran 1930
 (a)
 Lucas, F. A. 1922 (b)
 Mellen 1927 (b)
 Schmitt 1935 (c)
- Giant tortoise** *Testudo*
 Ditmars 1911 (h)
 Lucas, F. A. 1922 (b)
See also Galapagos Island
 tortoise
- Gopher tortoise** *Gopherus*
polyphemus
 Gething 1931
 Palmer, E. L. 1939 (d)
 Pope, C. H. 1939 (f)
- Green turtle** *Chelonia*
 Barrett, C. 1924 (b)
 Burden 1927 (a)
 Ditmars 1905 (g) 1915 (c)
 Gifford 1906
 Gilmore and Cochran 1930
 (a)
 Mellen 1927 (b)
 Mowbray 1922
- Hawk'sbill turtle** *Eretmo-*
chelys
 Ditmars 1915 (c)
 Gilmore and Cochran 1930
 (a)
- Mjoberg ch.14
 Mowbray 1922
- Leatherback turtle** *Dermo-*
chelys coriacea
 Ditmars 1905 (g) 1911 (h)
 1915 (c)
 Mellen 1927 (b)
 Pope, C. H. 1939 (f)
- Loggerhead turtle** *Dermo-*
chelys coriacea
 Ditmars 1905 (g) 1915 (c)
 McAtee 1934
 Nelson, W. A. 1924
- Loveridge land turtle** *Testudo*
loveri
 Cochran 1928 (g)
- Map turtle** *Graptemys*
 Ditmars 1915 (c)
 Pope, C. H. 1939 (f)
- Matamata** *Chelys fimbriata*
 Ditmars 1911 (h)
- Mud turtle** *Sternotherus*
 Ditmars 1905 (g) 1915 (c)
 Pope, C. H. 1939 (f)
- Muhlenberg's turtle** *Clemmys*
muhlenbergi
 Ditmars 1905 (g) 1915 (c)
- Musk turtle** *Kinosternon*
 Ditmars 1905 (g) 1915 (c)
 Gilmore and Cochran 1930
 (a)
 Palmer, E. L. 1939 (d)
- Painted terrapin** *Chrysemys*
picta
 Ditmars 1905 (g) 1915 (c)
 Gilmore and Cochran 1930
 (a)
 Palmer, E. L. 1939 (d)
- Pond turtle** *Clemmys guttata*
 Ditmars 1915 (c)
 Pope, C. H. 1939 (f)
- Red-bellied terrapin** *Pseude-*
mys rubriventris
 Ditmars 1915 (c)
- Sea turtles**
 Ditmars 1915 (c)
 Mellen 1927
- Snake-necked turtle or long-**
necked river tortoise
Chelodina
 Barrett, C. 1924 (b)
 Ditmars 1911 (h)
- Snapping turtle or snapper**
Chelydra serpentina
 Ditmars 1905 (g) 1915 (c)
 Gilmore and Cochran 1930
 (a)
 Largelamb 1907
 Palmer, E. L. 1939 (d)
 Westwood 1925 (a)

Snapping turtle of Japan

Mitsukuri 1906

Pope, C. H. 1939 (f)

Soft-shelled turtle *Amyda*

Bird, G. L. 1931

Ditmars 1911 (h) 1915 (c)

Mitsukuri 1906

Spotted turtle *Clemmys guttata*

Ditmars 1905 (g) 1915 (c)

Palmer, E. L. 1939 (d)

Pope, C. H. 1939 (f)

Terrapin

Ditmars 1915 (c)

Gilmore and Cochran 1930

(a)

Radcliffe 1930

Tortoise

Ditmars 1915 (c)

Gilmore and Cochran 1930

(a)

Pope, C. H. 1939 (f)

Trunk turtle *Dermochelys coriacea*

Ditmars 1915 (c)

Turtles

Alcock 1863

Clark, A. H. 1925 (c)

Shaw and Baldwin 1935

Western painted terrapin*Chrysemys bellii*

Corlett 1933

Wood turtle *Clemmys insculpta*

Ditmars 1905 (g) 1915 (c)

Pope, C. H. 1939 (f)

Section 10. Division 7. BIRDS

Many interesting species and well-known authorities have been added to the original division on birds. In this important development the collaboration has been received of Dr. Herbert Friedmann, author, curator and bird authority, who has brought the scientific treatment of subject-headings down to date as far as is practicable. In the first edition this service was rendered by Dr. Alexander Wetmore. In the main bibliography are found fifteen titles of Dr. Wetmore's bird publications and two of Dr. Friedmann's. They are respectively assistant secretary of the Smithsonian Institution and curator, Division of Birds, U. S. National Museum.

The arctic tern being one of the most interesting and least known of the very numerous bird species, an especially large number of authors and authorities are referred to. In all natural history it is difficult to find a more interesting subject than that of this greatest of travelers. As a sun-lover it has no parallel. English literature has been thoroughly searched for information yet the fascinating life history of the arctic tern is comparatively unknown. Its wanderings have no log. The references given in the bird division apparently cover the main data available to date.

The information found and referred to has been developed during the past thirty years through bird-banding and otherwise.

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- | | | |
|--------------------------|---------------------------|---------------------|
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| Alexander, W. B. | Dunmore | Johnson, Martin (f) |
| Andre | Eardley-Wilmot (a) | |
| ***Andrews (f) | ***Farnham | **Kennedy, E. B. |
| Ansorge p.325-55 | ***Filson | Kerr |
| Aristotle | Fisher, A. H. | King, W. R. |
| Armstrong app. | **Fitzsimons | Kingston (a) |
| | Flack (b d) | Kipling |
| *Bailey, Mrs F. | **Fleming | Kyser, L. S. |
| Baillie-Grohman | *Fletcher | |
| ***Baker, S W. (a) | Forbes | Lange (a) |
| Balfour | ***Fountain (b d) | Langford |
| Bangs | Fowler | Latham, John |
| ***Barnard | *Fraser, D. C. | Lawson |
| Bartsch | Fraser, J. B. | Lee, Mrs. |
| Bates | Funkhouser | **Lewis and Clark |
| *Bewick (b) | | Ley |
| Bible | **Gadow | Leyland |
| *Bickmore (India) | ***Galton (c) | Long, J. K. |
| Bingham (b) | Gathorne-Hardy, A E | Long, W. S. (b) |
| Bisset | Gill, W. | ***Lumholtz (a) |
| Blackwood | Gillhard | |
| ***Bock (c) | ***Gillmore, P. (a d j m) | *McCreagh |
| Bonnycastle, R | Goodwin (c) | ***Mackenzie, A. |
| Bowden | **Gordon, S P. | Macnie, C. S. |
| Brewster | ***Gordon, T. E. | Maslowski |
| Brooks, A | Gosse | Mathews |
| Burbidge, P. W. | ***Gouldsbury (a) | ***Maugham (c) |
| Burbidge, B. (b) | ***Green | May |
| Burchell | **Grey, Z. (c) | Mayer, A. M. |
| Burgess | Gross, M. E. | Maynard |
| Burrows, G. | *Guenther | **Meakin (a b) |
| *Byam ch.11 | ***Guillemard (a b) | *Mearns |
| | | **Methuen |
| *Canino | *Hall, C. F. (a) | ***Millais (a d) |
| Cartwright | *Hamilton, J. S. (a b) | Miller, Mrs. |
| Cassin | Hayes | Mills (b c) |
| Chapin, J. P. (a b c d) | **Hedin (b k) | Milne-Edwards |
| ***Chapman, A. (b c d e) | **Heilprin (b) | *Morden (a) |
| *Chapman, O. M. | *Hingston (c) | Morris |
| *Cheesman (b) | Hoeffler | Murray, J. A. |
| Chidester | ***Holder (a—e) | |
| Cornish (a b) | **Holland | **Nansen (a—g) |
| Cott | *Holt, E. G. | Naumberg |
| Crawford, J. H. | Horsfield | Neuwied |
| | Huc (c) | Newall, J. T. (a d) |
| Daglish (b) | Hume | ***Nordenskiold |
| Dahl | Huntington (a—c) | |
| DeVeer | | Oates |
| Digby | *Jackson, F. G. | Ossendowski |
| Distant | James, F. L. p.276 | Owen, R. |
| D'Oyly | *Jameson app. | Palmer, J. |
| Drummond, W. H. | *Jardine | Parkhurst |
| ***Dugmore | | Parry |

- Payer
 Peel (a—d)
 ***Percival
 Percy, Earl (a b)
 *Phillips, J. C.
 Phillipps-Woolley
 Pike, N.
 **Pike, W.
 **Pike, Z. M.
 *Pitt, Frances
 Pontoppidan
 Porter, S.
 Preble
 Prezevsky
 Prichard (f)
 Puxley

 **Radclyffe
 Rankin
 Rathbone
 Ready
 **Reid, W. J.
 Revoil
 ***Rice, A. H.
 Rice, William
 Richardson, John
 Rockhill
 Rutledge

 ***St. Cricq
 St. John, C.
 St. John, J. A.
 Samuels, E. A. (a b)

 **Savile
 **Schillings (b)
 Schwatka (c)
 Selous, E.
 ***Selous, F. C. (e h)
 Selous, P.
 Semon
 Sharp
 ***Sheldon, C. (b)
 *Shelford
 Singer
 Slevin
 Smith, A. D.
 Smith, H. H.
 *Southesk
 *Sowerby (d)
 *Spears (b)
 Squier (c)
 **Stanley (c)
 ***Stebbing (b)
 Sterndale (c)
 Stewart, E.
 Streeter
 ***Stuck (b)
 Studer
 Sutton, G. M. p 23
 Sykes, C. A.

 Tangye (b)
 *Thomas, B.
 Thomas, W. S. (b)
 Thurn
 **Torday
 Townsend, J. K.

 Trafton
 **Treatt, S. C.
 *Trinkler
 Tristram (b)
 Turner
 Tyacke

 Vachell
 Van Dyke, J. C.
 *Van Dyke, T. S. (b)
 Victor p.235

 Wallace, A. R. (d)
 Wallace, D.
 *Ward, H.
 Waterton
 Weed (c)
 **Wellby (a)
 **Wells, C. (a b)
 Wells, J. W.
 Westwood
 White, S. E. (b)
 Whitehead, J.
 *Whitney, H.
 Whymper (b)
 Wilcox (b)
 *Wilkins
 Wilkinson
 William, Prince
 Williams, H. S.
 Williams, L.
 Wood, W.
 *Woodroffe
 ***Wrangell
 Wyman

BIRDS

Aepyornis (extinct)
Swingle, C. F.
Wetmore (m)
See also Elephant bird

Albatross, Diomedidae

Allen, G. M.
***Audubon (d)
***Beebe, W. (a c d)
**Bent (a b e)
Cassin
Chapman, F. M. (b)

***Figuier ch.3
Grosvenor, G. (f)
Guenther
*Herrick (c)
Hornaday (c)
Mecking
Murphy, R. C. (a f g)
Pike, N
Reed
Ridgway
*Spears
Thomas, W. S. (b)

***Townsend, C. W. (d)
Wyman

Albatross, Black-footed *Diomedea nigripes*

Audubon
Baynes (e)
Bent
Cassin
***Coues
Hornaday (c)
Murphy, R. C. (f h)
Reed
Ridgway
Wetmore (m)
Wyman

Albatross, Cautious *Thalassarche cauta*
Ridgway

Albatross, Dusky
Audubon

Albatross, Gill's
Ridgway

Albatross, Short-tailed *Diomedea albatrus*

Bent
Cassin
Coues
Hornaday (c)
Ridgway
Simmons
Wyman

Albatross, Sooty *Phoebastria fusca*

Ault
Bent
Coues
Murphy, R. C. (e)
Reed
Ridgway

Albatross, Speckled
Ridgway

Albatross, Spectacled

Coues
Murphy, R. C. (e)
Ridgway

Albatross, Wandering *Diomedea exulans*

Chapman, F. M. (b)
Coues
Hornaday (c)
Ridgway

Albatross, Yellow-nosed *Thalassarche chlororhyncha*

Audubon
Bent
Chapman, F. M. (b)
Coues
Reed
Ridgway
Wetmore (k)

Alcatraz
Coker, R. E.
See also Pelican

Anhinga
See Snakebird

Ani, Groove-billed *Crotophaga sulcirostris*

Wetmore (g)

Ani, Smooth billed *Crotophaga ani*

* Wetmore (g)

Aphanapteryx *Aphanapteryx*
Pike, N.

Apostle bird *Struthidea cinerea*
Wilkins, G. H.

Apteryx *Apteryx*

Allen, G. M.
Beebe, W.
Figuier ch.7
Wetmore (m)

Auk Alcidae

Allen, A. A. (d)
Allen, G. M.
Baynes (e)

**Beebe, W.
**Bent (a e)
Coues
Dawson (a)
Forbush
Guillemard

**Hardy
Horsfield
Howell (a)
Lydekker (b e)
MacMillan (c)

Mecking
***Nordenskiöld
Nordenskiöld
Peel (b)

**Peterson
Ridgway
Samuels
Selous, F. C. (h)
Streeter

**Townsend, C. W. (b c e)

Weed (c)
Whitney, H.
Wood

Auk, Great (extinct) *Plautus impennis*

Allen, G. M.
Audubon (d)
Beebe, W.
Chapman, A. (b)
**Chapman, F. M. (b c)
Finley, W. L.

*Gilliard
Hayes
Morris
Reed
Ridgway
Townsend, C. W. (b f)

**Wetmore (e)
Auk, Little *Alle alle*

Koelz
MacMillan (a e)
See also Dovekie

Auk, Razor-bill *Alca torda*

Audubon (d)
Chapman, F. M. (c)
Gillard
Lockley
Reed
Townsend, C. W. (b)
Wetmore (e m)
See also Auk

Auklet *Aethia*
Dawson (b)
Wetmore (e)

Avifauna
See Birds

Avocet *Recurvirostra*

Allen, A. A. (d e)
Audubon
Beebe, W. (d)
Dawson (b)
Dickey

*Figuier ch.4
Finley, W. L.
Fitzsimons (a)
Forbush
Henshaw (a d)
Howell (a)

Linsdale (b)
*Lydekker (b) v.3,4
Peterson
Reed
Shiras (b j)
Wetmore (m)

Willett
***Wilson, A.
Wyman

Babblers *Timaliidae*

Fitzsimons
Lydekker

Baldpate *Mareca americana*

Brooks, A. (a)
Henshaw
Job
Reed
Roberts

- Barbets**
Fitzsimons
Lydekker
- Bats**
See Mammals
- Bee eater** *Merops*
Figuier ch.7
Fitzsimons
Heilprin (b)
Jameson
Roberts
Wetmore (m)
- Bee-bird** *Tyrannus tyrannus*
Howell (a b)
- Bellbird** *Chasmorhynchus*,
Anthornis, *Oreocera*, etc.
Beebe, W. (d)
Tate, G. H. H.
- Bird of Paradise** *Paradis-*
aedae
Barbour, T. (b)
Brandes, E. W.
Crandall
Figuier ch.7
Guillemard (b)
Hildebrand, J. R. (b)
Laing
Lumholtz
Wallace, A. R. (a)
- Bishop-bird** *Arenariae*
Coues
Mearns
See also Bishop plover
- Bittern** *Botaurus*
Audubon
Bible
Chapman, F. M. (k)
Figuier ch.4
Flagg
Forbush
Howell (a b)
Lydekker (b) v.3, 4
Pearson (d)
**Peterson
Porter, G. S.
Reed
Roberts
*Southesk
**Torrey (b e f h)
Weed (c)
Wyman
- Bittern, Least** *Ixobrychus*
exilis
Maslowski
Nelson, W. A.
Pearson (d)
- Blackbird** *Icteridae*
Allen, A. A. (c)
***Audubon
Ball
Baynes (e)
Beebe, W. (d)
**Bonaparte v.1
***Burroughs
Dawson (a)
**Dickey
Figuier ch.7
Flagg
Forbush
Friedmann (b)
- Green
Henshaw (a b e)
Herrick (a c)
Horsfield
Howell (a)
Job
Langford
Linsdale (a b)
Lydekker (b) v.3, 4
Mathews
Porter, G. S.
Reed
Roberts
Saunders
***Scott, W. E. D.
**Shiras (b)
Torrey (a—h)
Trafton
Washburn
Weed (c)
Wetmore (m)
Willett
- Blackbird, Brewer's** *Euphagus*
cyanocephalus
Allen, A. A. (c)
- Blackbird, Red-winged** *Age-*
laimus phoeniceus
Ball
Finley, W. L.
Henshaw (b)
Shiras (c)
- Blackbird, Rusty** *Euphagus*
carolinus
Allen, A. A. (c)
Ball
- Blackbird, Yellow-headed**
Xanthocephalus xanthocephalus
Allen, A. A. (c)
Ball
Henshaw (e)
- Black-cap** *Sylvia atricapilla*
Allen, A. A. (b)
Bewick
Chapman, F. M. (c)
Roberts
Saunders
Torrey (d)
- Black cock, Black game**
Tetrao tetrix
Atkinson
Baillie-Grohman (a b)
Barnard
Chapman, A. (b)
Kennedy
Lydekker (b) v.3, 4
Scott, W. E. D.
See also Black grouse;
Caucasus
- Bluebill**
Howell (a)
- Bluebird** *Sialia sialis*
**Audubon
Ball
Baynes (e)
**Burroughs
Chapman, F. M. (c)
Dawson (a b)
Dickey
Flagg
- Forbush
Green
Henshaw (a b)
Herrick (a)
Howell (a)
Job
Kennard
Kirkman
Linsdale (a b)
Lydekker (b) v.3, 4
Mathews
Pearson (a c)
Peterson
*Porter, G. S.
Reed (a)
Roberts
Saunders
Scott, W. E. D.
Sharp ch.7
Shiras (b)
***Torrey (a b c d e f g h)
Trafton
Washburn
Weed (c)
Willett
**Wilson, A.
- Bluebird, Mountain** *Sialia cur-*
rucoides
Pearson (a)
- Bluebird, Western** *Sialia*
mexicana
Pearson (a)
- Blue jay** *Cyanocitta cristata*
Ball
Dickey
See also Jay
- Bob-o-link** *Dolichonyx oryzi-*
vora
Allen, A. A. (c)
Ball
Baynes (e)
**Beebe, W. (d)
**Burroughs
**Chapman, F. M. (c)
Dawson (a)
Flagg
Forbush
Henshaw (a b)
Job
Kennard
Lydekker (b) v.3, 4
Mathews
Peterson
Porter, G. S.
Reed
Roberts
Saunders
**Scott, W. E. D.
**Torrey (a d f g h)
Washburn
Weed (c)
Wetmore (m)
- Bob-white** *Colinus virginianus*
Ball
Baynes (e)
*Beebe, W. (d)
Elliot
Forbush
Green
Howell (a)
Mann, W. M. (d)

- Mathews
Pearson (c)
Reed
Roberts
Roy, L. C. (a)
*Scott, W. E. D.
Sharp ch.2, 7
Weed (c)
Wetmore (m)
See also Partridge; Quail
- Bob-white, Black-breasted**
Colinus virginianus nigripectus
Ridgway
- Bob-white, Coyolcos** *Colinus virginianus coyolcos*
Ridgway
- Bob-white, Cuban** *Colinus virginianus cubanensis*
Ridgway
- Bob-white, Florida** *Colinus virginianus floridanus*
Bent
Chapman, F. M.
Elliot
Reed
Ridgway
Scott
- Bob-white, Grayson's** *Colinus virginianus graysoni*
Ridgway
- Bob-white, Masked** *Colinus virginianus ridgwayi*
Bent
Coues
Elliot
Ridgway
- Bob-white, Texas** *Colinus virginianus texanus*
Bent
Elliot
Reed
Ridgway
- Bob-white, Yucatan** *Colinus nigrogularis nigrogularis*
Ridgway
- Booby** *Sula*
Bartsch
Beebe, W. (c)
Bent (b)
Chapin, J. P. (c d)
*Chapman, F. M. (c)
Forbush
Gardner, I. C.
Howell (a b)
Lydekker (b) v.3, 4
Mitchell, S. A.
Murphy, R. C. (d f g)
Peterson
Reed
Shiras (i)
Simmons
Slevin
Wetmore (k m)
- Brant** *Branta*
Dawson (a b)
- Brant, Black** *Branta nigricans*
Brooks, A. (a)
Cassin
Chapman, F. M. (b)
- **Coues**
Forbush
*Henshaw (a d)
Hornaday (c)
Howell (a)
Huntington
- **Nuttall**
*Phillips
Reed
Ridgway
Wyman
See also Brent; Goose
- Brant, Blue** *Chen caerulescens*
Coues
Elliot
- Brant, Eastern** *Branta bernicla hrota*
Phillips
- Brant, Pied or Gray** *Anser albifrons*
Coues
Elliot
- Brant, Prairie** *Anser albifrons*
Coues
Elliot
- Brant, Speckled** *Anser albifrons*
Coues
Elliot
- Brant, White** *Chen hyperboreus*
Brooks
Coues
Elliot
Nuttall
- Brent or Brant** *Branta bernicla*
Audubon (d)
Cassin
Chapman, F. M. (b)
*Cory (e)
*Coues
Dahl (a)
DeVeer
**Elliot
**Farnham, T. J. (b)
Hardy
Hersey
*Hornaday (c)
Huntington, D. W. (c)
Lewis and Clark
Martindale (a)
*Nuttall (b)
**Peterson
*Phillips
Ridgway
Roberts
Vachell
Wynan
See also Goose
- Broadbill**
Forbush
Howell (a)
Wetmore (m)
- Bulbul** *Pycnonotus*
Fitzsimons
Mearns
Murphy, R. C. (d)
Wetmore (o)
- Bullbat**
Howell (a)
- Bullfinch** *Pyrrhula pyrrhula*
Bewick
Bonaparte v.1, 2
Chapman, F. M. (c)
Lydekker (b) v.3, 4
Reed
See also Finch
- Bunting** *Passerina cyanea*
**Allen, A. A. (b)
**Audubon
Baynes (e)
Bent
Bewick
**Burroughs
Chapman, F. M. (c)
Dawson (a b)
Figuier ch.7
Forbush
Friedmann (b)
Henshaw (a e)
Howell (a b)
Job
Linsdale (b)
Lydekker (b) v.3, 4
Mathews
Pearson (e f)
**Peterson
Porter, G. S.
Reed
**Roberts
Scott, W. E. D.
Torrey (e)
Wetmore (m)
Wilson, A.
Wyman
See also Indigo bird
- Bunting, Indigo** *Passerina cyanea*
Henshaw (e)
- Bunting, Lazuli** *Passerina amoena*
Allen, A. A. (d)
Henshaw (e)
- Bunting, Snow** *Plectrophenax nivalis*
Forbes
MacMillan (a d)
Mecking
Pearson (f)
Townsend, C. W. (f)
- Bush fowl** *Francolinus?*
Gadow
- Bush-tit** *Psaltiriparus minimus*
Henshaw (e)
Wetmore (h)
- Bustard or Paau** *Otis*
**Andrews, R. C. (d)
**Baker, S. W. (e)
Baldwin, W. C.
Chapman, A. (d)
Figuier ch.4
Fountain (b)
Fraser, J. B. (c)
Fuertes (a)
Hoeffer
*Lydekker (b) v.3, 4
McCutcheon
Mainwaring
***Maugham (c)
**Methuen
Morris

Bustard or Paaú—Continued

Mosse
 Philipps-Woolley
 Ready
 *Schillings
 *Selous, F. C. (e)
 Sykes, C. A.
 Thomas, B.
 Wetmore (m)

Bustard, Great Otis

Friedmann
 Tjader

See also Bustard

Butcher-bird *Lanius*

Bailey, W. L.
 Dawson (a b)
 Dickey
 Fuertes (a)
 Howell (a)
 Job
 Peterson
 Roberts
 Torrey (a h)
 Washburn
 Wilson, A.

See also Shrike

Buzzard, Turkey *Cathartes aura*

***Audubon (d)
 Baynes (e)
 Bewick
 **Burroughs
 Corey, H. (a)
 Dawson (a)
 Dickey
 Farnham, T. J. (b)
 Figuier ch.8
 Forbush
 Fountain (b d)
 Gillmore (j)
 Green
 **Hardy
 Henshaw (a e)
 Howell (a)
 Irving (b)
 Job
 Linsdale (a)
 Morris
 *Nuttall (b)
 Peterson
 Reed
 Reid
 Rice, W.
 Roberts
 Scott, W. E. D.
 Sharp ch.15
 Shiras (c e)
 Tisdell

***Torrey (c d e g)

Weed (c)

***Wilson, A.

See also Vulture

Calico-bird *Arenaria interpres*

Forbush

Cambasow *Hypochera chalybeata*

Wetmore (o)

Canary *Serinus*

Ball
 Fairchild, D. (b)

Figuier ch.7
 Howell (b)
 Job
 Lydekker
 Mann, W. M. (d)
 Porter, G. S.
 Wetmore (o)

Capercaillie or Capercalzie

Tetrao urogallus

Baillie-Grohman (a b)
 Barnard
 Chapman, A. (b)
 Figuier ch.5
 Fonhus
 Guillemard
 Lydekker (b) v.3, 4
 Morris
 Nansen (e)
 Oxholm

Caracara *Polyborus cheriway*

Allen, A. A. (d)
 Audubon
 Figuier ch.8
 Fountain (b)
 Hudson
 Lydekker

Caracara, Audubon's *Polyborus cheriway auduboni*

Wetmore (i)

Carancho *Polyborus plancus*

Spears

See also Argentine;
 Caracara

Cardinal *Richmondia cardinalis*

Allen, A. A. (b d)
 Ball

*Burroughs
 Finley, W. L.
 Forbush
 Green
 Hanna, G. D.
 Harper, F.
 Henshaw (e)
 Howell (a)
 Job
 Lydekker (b) v.3, 4
 Mathews
 Nelson, E. W. (c)
 Pearson (c)
 Roberts
 Rutledge
 Saunders
 Scott, W. E. D.
 Trafton
See also Red-bird

Cassiques, Black *Cassicus*

icteronotus
 Fisher, A. H.

Cassowary *Casuarus*

Allen, G. M.
 Barbour, T. (b)

*Beebe, W.
 Bourne
 Brandes, E. W.
 Denton
 Figuier ch.4
 Gregory, H. E.
 Guillemard

Lumholtz
 Semon
 Wetmore (m)

Cat-bird *Dumatella carolinensis*

**Audubon
 Ball
 Baynes (e)
 Beebe, W. (d)
 **Burroughs
 Chapman, F. M. (c)
 Flagg
 Forbush
 Henshaw (b)
 Herrick (a c)
 Howell (a)
 Job
 Kennard
 Mathews
 Pearson (a)
 Peterson
 Porter, G. S.
 Reed
 Roberts
 Saunders

**Scott, W. E. D.

**Torrey (a c d e f g h)

Trafton

Washburn

Weed (c)

Cedar-bird *Bombycilla cedrorum*

Bailey, W. L.

Ball

*Burroughs
 Dawson (b)
 Dickey
 Flagg
 *Herrick (a c)
 Howell (a b)
 Job
 Lydekker (b) v.3, 4
 Mathews
 Nelson, E. W. (d)
 Peterson
 Roberts
 Torrey (a c d f h)
 Trafton
 Weed

Chachalaca *Oreortyx vetula*

Wetmore (j)

Chaffinch *Fringilla coelebs*

Bewick
 Chapman, F. M. (c)
 Figuier ch.7

Chaparral cock *Geococcyx californianus*

Dawson (b)

Finley, W. L.

See also Roadrunner

Charee *Pipilo erythrophthalmus*

Ball

See also Chewink

Chat *Icteria virens*

*Audubon

Ball

*Burroughs

Finley, W. L.

Fitzsimons

- Forbush
 Henshaw (ef)
 Howell (b)
 Job
 Lydekker (b) v.3, 4
 Mathews
 Mearns
 Peterson
 Reed
 Roberts
 Saunders
 *Scott, W. E. D.
 Torrey (acd)
Chatterer Cotingidae
 Bewick
 Roberts
 Wilson, A.
Chebec Empidonax minimus
 Ball
See also Least Flycatcher
Cherrybird Bombycilla cedrorum
 Ball
 Mathews
 Peterson
 Roberts
 Weed (c)
Chewink or Towhee Pipilo erythrophthalmus
 Ball
 *Beebe, W. (d)
 *Flagg
 Howell (a)
 Job
 Mathews
 Peterson
 Porter, G. S.
 Reed
 Roberts
 *Scott, W. E. D.
 Shiras (b)
 *Torrey (acdefgh)
 Weed (c)
Chickadee Penthestes
 Allen, A. A.
 Bailey, W. L.
 Ball
 *Baynes (e)
 *Beebe, W. (d)
 Chapman, F. M. (c)
 Dawson (ab)
 Dickey
 Flagg
 Forbush
 Friedmann (b)
 Green
 Henshaw (b)
 *Herrick (a)
 Howell (a)
 Job
 Kennard
 Mathews
 Pearson (c)
 *Peterson
 Porter, G. S.
 Reed
 Roberts
 Roy, L. C. (a)
 Saunders
 Scott, W. E. D.
 *Shiras (b)
 Torrey (a—h)
 Trafton
 Washburn
 Weed (c)
 Wetmore (h)
 Wyman
Chickadee, Black capped
Penthestes atricapillus
 Ball
 Wetmore (h)
Chickadee, Chestnut backed
Penthestes rufescens
 Wetmore (h)
Chickadee, Hudsonian Penthestes hudsonicus
 Wetmore (h)
Chickadee, Mountain Penthestes gambelii
 Wetmore (h)
Chuck-Will's widow Antrostomus carolinensis
 *Audubon
 Ball
 Beebe, W. (cd)
 Reed
 Scott, W. E. D.
 Torrey (ce)
 Wetmore (lm)
 *Wilson, A.
Chucor Alcedo
 Stebbing (b)
 Tyack
See also Hill partridge;
 Himalayas; India
Cock
See Black cock
Cock of the desert
See Chaparral cock
Cock of the plains Centrocercus urophasianus
 Audubon
 Bonaparte v.3
 Coues
 Elliot
 Figuier ch.5
 Lewis and Clark
See also Grouse; Sage hen
Cock of the rock Rupicola rupicola
 Beebe, W. (d) p.270
 Figuier ch.7
 Holt
 Lydekker (b) v.3, 4
 Whitehead
Cock of the woods Ceophloeus pileatus
 Elliot
 Forbush
 Grosvenor, M. B.
See also Capercalzie
Cockatoo Kakatoe
 Mann, W. M. (b)
 Moore, W. R. (b)
 Nejame
 Wetmore (m)
Condor Gymnogyps vultur
 Adams, H. C. (b)
 *Allen, G. M.
 Anthony, H. E. (c)
 *Beebe, W.
 *Bonaparte v.4
 Bourne
 Byrd, R. E. (f)
 Carpenter, F. G. (c)
 Chapman (c)
 Darwin
 *Dickey
 Dyott
 Fitzroy
 Fountain (d)
 Galton (c)
 Grubb (b)
 *Guenther
 Horsfield
 Howell (a)
 Murphy, R. C. (ag)
 Nelson, E. W. (c)
 Spears
 *Townsend, C. W. (d)
 Wetmore (m)
 Wymer, E. (b)
Condor, California Gymnogyps californianus
 Finley, W. L.
 Wetmore (i)
Coot Fulica
 Audubon
 *Chapman, F. M. (b)
 ***Cory
 *Coues
 Dawson (ab)
 Dickey
 *Elliot
 Figuier ch.4
 Fitzsimons (a)
 Forbush
 Henshaw (ade)
 Lydekker (b) v.3, 4
 Morris
 Nelson, W. A.
 Nuttall
 Oberholser
 *Peterson
 Reed
 Rich
 Ridgway
 Roberts
 *Torrey (b)
 Weed (c)
 Wetmore (m)
 Wyman
See also Mud and Water-hen; Duck
Coot, American Fulica americana
 Allen, A. A. (e)
 Audubon
 Chapman, F. M. (b)
 Coues
 Henshaw (ad)
 Howell (a)
 Mann, W. M. (d)
 Reed
 Ridgway
Coot, Bay Oidemia
 Coues
 Elliot
See also Duck

- Coot, Black** *Oidemia*
Chapman, F. M. (b)
Coues
Elliot
Nuttall
- Coot, Booby** *Erismatura*
Elliot
- Coot, Broad bill** *Nyroca*
(either *marila* or *affinis*)
Coues
Elliot
Rich
- Coot, Brown** *Erismatura*
Coues
Elliot
Rich
- Coot, Bumble bee**
Elliot
Rich
- Coot, Butter-bill** *Charitonetta albeola*
Elliot
Nuttall
Rich
- Coot, Butterboat, Billed**
Charitonetta albeola
Coues
Elliot
- Coot, Caribbean** *Fulica caribaea*
Ridgway
- Coot, European** *Fulica atra*
Chapman, F. M. (b)
Morris
Nuttall
Ridgway
- Coot, Gray** *Oidemia*, etc.
Coues
Elliot
Rich
- Coot, Hollow-billed** *Oidemia*, etc.
Coues
Elliot
- Coot, Horse-head** *Oidemia*, etc.
Elliot
Nuttall
Rich
- Coot, Sea** *Oidemia* or *Melanitta*
Chapman, F. M. (b)
Coues
Nuttall
- Coot, Skunk head** *Melanitta perspicillata*
Elliot
Rich
- Coot, Spectacled** *Arctonetta fischeri*
Coues
Elliot
- Coot, Whistling** *Glaucionetta clangula*
Elliot
- Coot, White-winged** *Melanitta deglandi*
Chapman, F. M. (b)
Elliot
- Nuttall
Rich
Wetmore (b)
- Cordon-bleu** *Uraeginthus*
Mearns
See also Africa
- Cormorant** *Phalacrocorax*
Agassiz
Allen, G. M.
***Audubon (d)
***Baker, S. W. (e)
Beebe, W. (a c d)
Bent (be)
Bible
**Bock (c)
Calvert
Chapin, J. P. (d)
***Chapman, F. M. (b c)
Coker
Coues
Dawson (b)
Dickey
Figuier ch.2
Fisher, A. H.
Fitzsimons (a)
Fleming
Fraser, J. B. (d)
Friedmann (a)
Gill, W.
***Gouldsbury (a)
Grey, Z. (c)
Griffis, W. E.
Groff, G.
Hanna, G D
Hardy
Henshaw (c)
Holder (ae)
Holland
*Hornaday (c)
Horsfield
Howell (a)
Lewis and Clark
Lockley
**Lumholtz
Lydekker (b) v 3, 4
Maslowski
Maugham (c)
Mecking
Mills
Morris
Murphy, R C. (a b g)
Nelson, E W. (c)
Nelson, W. A.
*Nuttall (a)
Oberholser
Pearson (b)
Peterson
Reed
Ridgway
Samuels
*Selous, E.
Shiras (f)
Simmons
Simpich (c)
Spears
Thomas, W. S. (b)
*Torrey (c)
***Townsend, C. W. (d e)
Weed (c)
- ***Wetmore (b m)
Wilkins, G. H.
Wyman
- Cormorant, Baird's** *Phalacrocorax pelagicus resplendens*
Bent
Coues
Ridgway
Wyman
- Cormorant, Brant's** *Phalacrocorax penicillatus*
Bent
Coues
Finley, W. L.
Pearson (b)
Ridgway
Wyman
- Cormorant, Double-crested** *Phalacrocorax auritus*
Audubon
Bent
Chapman, F. M. (b)
Coues
Hornaday (c)
Morris
*Nuttall
Pearson (b)
Reed
Ridgway
- Cormorant, European** *Phalacrocorax carbo carbo*
Pearson (b)
- Cormorant, Farrallone** *Phalacrocorax auritus albociliatus*
Bent
Coues
Ridgway
Wyman
- Cormorant, Florida** *Phalacrocorax auritus floridanus*
*Audubon
Bent
Chapman, F. M. (b)
Coues
Mann W. M. (d)
Nuttall
Reed
Ridgway
- Cormorant, Mexican** *Phalacrocorax olivaceus mexicanus*
Bent
*Chapman, F. M. (b)
Coues
Nuttall
Pearson (b)
Reed
Ridgway
- Cormorant, Pallas** *Phalacrocorax perspicillatus*
Coues
Hornaday (c)
Ridgway

Cormorant, Pelagic *Phalacrocorax pelagicus pelagicus*

Bent
Coues
Pearson (b)
Ridgway

Cormorant, Red-faced *Phalacrocorax urile*

Bent
Coues
Ridgway

Cormorant, Townsend's *Phalacrocorax penicillatus*

Audubon
Coues
See also Brandt's Cormorant

Cormorant, Violet green *Phalacrocorax pelagicus resplendens*

Audubon
Coues
Ridgway
See also Brandt's Cormorant

Cormorant, White-crested *Phalacrocorax auritus cinchatus*

Bent
Coues
Ridgway

Courlan *Aramus*

Audubon
Bonaparte v.4
Wetmore (m)
See also Limpkins

Cowbird *Molothrus*

Allen, A. A. (a-e)

**Audubon
Ball
Baynes (e)
Burroughs
Dawson (b)
Dickey
Figuier ch.7
Flagg
Friedmann (b)
Green
Henshaw (e)
*Herrick (a c)
Howell (a b)
Job
Linsdale (a)
Lydekker (b) v.3, 4
Mathews
Peterson
Porter, G. S.
Reed
Roberts
Saunders
**Scott, W. E. D.
Shiras (b)
Torrey (a f)
Weed
Wetmore (n) p.116
Wyman

Crane *Gruidae*

Allen, G. M.
Andrews, R. C. (d)
***Audubon (d)

Beebe, W. (d)
Bible

**Chapman, A. (b)
**Chapman, F. M. (b c)
Clark, C. U.

*Coues
Dawson
*Figuier ch.4
Fitzsimons
Flagg
Forbush
Gouldsbury (a)
Harper, F.
Henshaw (d)
Hersey
Hoefler

***Hornaday
Howell (a b)
Johnston (e)
Linsdale (b)
Lydekker (b) v.3, 4
Maugham (c)
Mecking
Morris

*Nuttall (a)
Peterson
Ridgway
Roberts
Rock (b)
Schillings
Scott, G. C.
Semon
Sheldon (b)
Stanley
Weed (c)
Wilkins, G. H.
William, P. of S.

***Wilson, A.

Crane, Blue *Gruis*, etc.

Chapman, F. M. (b)
Coues
Howell (a)
Nuttall
Roberts

Crane, Brown *Gruis canadensis*

Chapman, F. M. (b)
Coues
Nuttall
Reed
Ridgway
Roberts

Crane, Demoiselle *Anthropoides virgo*

Mann, W. M. (d)

Crane, Great white *Gruis leucogeranus*

Lydekker
Nuttall

Crane, Little brown *Gruis canadensis canadensis*

Chapman, F. M. (b)
Nuttall

Crane, Sandhill *Gruis canadensis tabida*

Allen, A. A. (d e)
Chapman, F. M. (b)
Henshaw (a d)
Hornaday (c)
Mann, W. M. (d)

Nuttall

Reed
Ridgway

Crane, Whooping *Gruis americana*

Allen, A. A. (e)
Audubon
Baynes (e)
Bentley, R. p.17
Figuier ch.4
Hornaday (c)
Howell (a)
Nuttall
Reed
Ridgway
Roberts

Creepers *Certhia*

Ball
Baynes (e)
Beebe, W. (d)
Bewick
Brown
Flagg
Green
Henshaw (b)
Howell (a)
Job
Lydekker (b) v.3, 4
Mathews

*Peterson

Reed

Roberts

*Scott, W. E. D.

**Torrey (a b c d f g h)

Trafton
Weed (c)
Wetmore (h)
Wilson, A.

Creeping warbler *Mniotilta varia*

Audubon

Crossbill *Loxia*

**Allen, A. A. (b)

**Audubon

Ball
Baynes (e)
Beebe, W. (d)
Bewick
Bonaparte v.2
Cornish ch.15
Figuier ch.7
Green

*Herrick (a c)

Horsfield

Howell (a)

Job

Lydekker (b) v.3, 4

Mathews

Peterson

Reed

Roberts

**Scott, W. E. D.

Torrey (e f g h)

Townsend, C. W. (b)

Wetmore (m)

*Wilson, A.

Wyman

Crow *Corvus*, etc.

***Audubon (a-f)

Baird

Ball

- Crow—Continued**
 Baynes (e)
 Beebe, W. (d)
 Bible
 Burroughs
 Chapman, F. M. (e)
 Dawson (a b)
 Dickey
 Figuiet ch.7
 Flagg
 Forbush
 Green
 *Henshaw (a b)
 *Herrick (a)
 *Hornaday (c)
 Howell (a)
 Linsdale (a)
 *Lydekker (b) v.3, 4
 Marston, J.
 Mathews
 Morris
 Pearson (e)
 Peterson
 Porter, G. S.
 Reed
 Ridgway
 Roberts
 Samuels
 Saunders
 **Scott, W. E. D.
 **Torrey (c d e f h)
 Washburn
 Weed (c)
 ***Wilson, A.
 Wrangell p.62
 Wyman
- Crow, American** *Corvus*
brachyrhynchus
 Chapman, F. M. (b)
 Coues
 Ridgway
 Scott
- Crow, California** *Corvus*
brachyrhynchus hesperis
 Ridgway
- Crow, Clark's** *Nucifraga columbiana*
 Dawson (b)
 Henshaw (c)
 Wilson, A.
- Crow, Cuban** *Corvus minutus*
 Ridgway
- Crow, Fish** *Corvus ossifragus*
 Audubon
 Baird
 Chapman, F. M. (b)
 Ridgway
 Scott
 Wilson, A.
- Crow, Florida** *Corvus brachyrhynchus paulus*
 Baird
 Chapman, F. M. (b)
 Coues
 Ridgway
 Scott
- Crow, Mexican** *Corvus cryptoleucus*
 Ridgway
- Crow, Northwestern** *Corvus*
brachyrhynchus caurinus
 Baird
 Coues
 Ridgway
- Cuckoo, Black-billed** *Coccyzus erythrophthalmus*
 Wetmore (g)
- Cuckoo, European** *Cuculus canorus*
 *Audubon
 Ball
 Baynes (e)
 Beebe, W. (d)
 Bewick
 *Burroughs
 Dawson (b)
 Dickey
 Chapman, F. M. (c)
 Fitzsimons (a)
 Flagg
 Forbush
 Gregory, H. E.
 Herrick (a c)
 Horsfield
 Howell (a b)
 Jameson
 Job
 Kirkman
 Mathews
 Murphy, R. C. (d)
 Parkhurst
 Peterson
 *Porter, G. S.
 Reed
 Saunders
 *Scott, W. E. D.
 *Torrey (a c d g)
 Trafton
 Washburn
 Weed (c)
 Wetmore (m)
- Cuckoo, Yellow-billed** *Coccyzus americanus*
 Henshaw (b)
 Wetmore (g)
- Curassow** *Crax*
 Allen, G. M.
 Andre
 Baird (b)
 Bates
 *Beebe, W. (d)
 **Fountain (d)
 Lydekker (b) v.3, 4
 Ridgway
 Wells, J. W.
 Wetmore (m)
- Curlew** *Numenius*
 Allen, A. A. (d)
 *Audubon
 Beebe, W. (c)
 Bonaparte v.4
 Cartwright
 Chapman, F. C. (c)
 Dawson (a)
 Dickey
 Figuiet ch.4
 Fitzsimons
 Forbush
 Gardner, I. C.
 Henshaw (a d)
- Howell (a)
 Hutchinson, I. W. (b)
 Langford
 Lydekker (b) v.3, 4
 Murphy (g)
 Peterson
 Reed
 Roberts
 Schwatka (c)
 Shiras (b e)
 *Torrey (b)
 *Townsend, C. W. (b)
 Washburn
 Weed (c)
 Wetmore (k)
 *Wilson, A.
 Wyman
- Curlew, Bristle-thighed** *Phaeopus taitiensis*
 Allen, A. A. (e)
- Curlew, Eskimo** *Phaeopus borealis*
 Allen, A. A. (e)
 Henshaw (d)
- Curlew, Hudsonian** *Phaeopus hudsonianus*
 Allen, A. A. (e)
 Henshaw (d)
- Curlew, Long billed** *Numenius americanus*
 Allen, A. A. (e)
 Henshaw (d)
- Cygnets.** See Swan
- Darters** *Anhinga anhinga*
 Dawson (a)
 Figuiet ch.2
 Fitzsimons
 Howell (a)
 Lydekker (b) v.3, 4
 Peterson
 Reed
 Roberts
 Weed (c)
 See also Snake-bird;
 Water turkey
- Dipper** *Cinclus*
 Audubon
 Bent
 Bonaparte v.3
 Chapman, F. M. (c)
 Dickey
 Forbush
 Horsfield
 Lydekker (b) v.3, 4
 Reed
 Roberts
 Torrey (b)
 Weed (c)
 Wetmore (h m)
 Wyman
 See also Ousel
- Diver** *Gavia*
 Audubon
 Dawson (a)
 Figuiet ch.2
 Horsfield
 Howell (a)
 Lydekker (b) v.3, 4
 Murphy, R. C. (e)

- Peterson
Pitt
Roberts
Dodo *Raphus ineptus*
Allen, G. M.
Baynes (e)
Edwards, D. L.
Ellis, W.
Figuier ch.4
Lydekker (b) v.3, 4
Pike, N.
Wetmore (m)
See also Mauritius
- Dove** *Columbidae*
Allen, G. M.
***Audubon (d)
Baird
Ball
Bates
*Beebe, W. (b c d)
Bent (d)
Bible
*Bonaparte v.3
*Chapman, F. M. (b c)
Coues
Dawson (a b)
Dickey
Fitzsimons (a)
Flagg
Forbush
Friedmann (a b)
Gadow
Green
*Guillemard
Henshaw
*Herrick (c)
Howell (a b)
Jameson
Job
Linsdale
Lydekker (b) v.3, 4
Morris
*Nuttall (b)
Payer
*Peterson
Porter, G. S.
Reed
***Ridgway
Roberts
Samuels
Saunders
**Scott, W. E. D.
Shiras (b)
***Torrey (c d e g)
Washburn
Wetmore (j)
Whitehead
Willett
***Wilson
Wyman
- Dove, Antillean** *Zenaidura castanea*
Dove, Carolina *Zenaidura macroura*
Baird
*Coues
Morris
Nuttall
Torrey (c g)
Weed (c)
- Dove, Ground** *Columbigallina passerina*
Allen, A. A. (d)
Audubon
Baird
Bent
*Chapman, F. M. (b)
Coues
Nuttall
Reed
*Ridgway
Schantz
*Scott
Shiras (g)
*Torrey (c g)
Wetmore (j)
Wilson
Wyman
- Dove, Inca** *Scardafella inca*
Bent
Coues
Reed
Ridgway
Wetmore (j)
Wyman
- Dove, Key West** *Oreopeleia chrysea*
Bent
Coues
Nuttall
- Dove, Mexican ground** *Columbigallina passerina pallascens*
Bent
Coues
Finley, W. L.
Reed
Ridgway
- Dove, Mourning** *Zenaidura macroura*
*Allen, G. M.
Baynes (e)
Bent
*Burroughs
Chapman, F. M. (b)
Coues
Finley, W. L.
Henshaw (a b d)
*Hornaday (c)
Limbirt
Lydekker
Nelson, E. W. (d)
Nuttall
Oberholser
Reed
*Ridgway
**Roberts
Schantz
Scott, W. E. D.
Wetmore (j)
Wyman
- Dove, Rufous ground** *Columbigallina passerina*
Audubon
Chapman, F. M. (b)
Coues
Ridgway
- Dove, Scaled** *Columba squamosa*
Baird
Coues
Ridgway
- Dove, Sea** *Alle alle*
Chapman, F. M. (b)
Coues
Nuttall
- Dove, Socorro** *Z. graysoni*
Ridgway
- Dove, Turtle** *Streptopelia risoria*
Burroughs
Coues
Flagg
Lydekker (b) v.3, 4
Mann, W. M. (d)
Mjoberg p.55
Morris
Nuttall
Roberts
Wilson
- Dove, White-fronted** *Leptotila fulviventris angelica*
Audubon
Coues
Reed
Ridgway
Wetmore (j)
- Dove, White-winged** *Melospelia asiatica*
Baird
Bent
Chapman, F. M. (b)
Coues
Lydekker
Reed
*Ridgway
*Scott, W. E. D.
Wetmore (j)
Wyman
- Dove, Yucatan** *Z. yucatanensis*
Ridgway
- Dove, Zenaida** *Zenaida senai-da*
*Audubon
Baird
Bent
Bonaparte v.3
Chapman, F. M. (b)
*Coues
Lydekker (b) v.3, 4
Nuttall
Reed
Ridgway
Scott, W. E. D.
- Dovekie** *Alle alle*
Coues
Forbush
Hornaday (c)
Howell (a)
MacMillan (e)
Mecking
Murphy (d)
Wetmore (e)
See also Auk

Dowitcher *Limnodromus griseus griseus*

Dawson (a)

Henshaw (d)

Nelson, E. W. (d)

Dowitcher, Eastern *Limnodromus griseus griseus*

Allen, A. A. (e)

Duck *Anas, Nyroca, etc.*

Agassiz

Adams, H. C. (c)

*Allen, G. M.

*Andrews, R. C. (d)

Audubon (d)

*Beebe, W. (a c d)

*Bent (c e)

Bible

Bishop, N. H.

Carvalho

Cartwright

*Chapman, A. (b)

*Chapman, F. M. (b c)

Conway (a)

Cooke, W. W.

Cory (e)

Coues

Dawson (a b)

Dickey

*Dugmore

Dunmore

*Eardley-Wilmot

Elliott, D. G. (b)

Fitzsimons (a)

Flagg

Fleming

Forbush

Fountain (b c)

Fraser, J. B. (c d)

Gadow

Galton

Gillmore (n)

*Gouldsbury (a)

*Guenther

**Guillemard

Hall, C. F. ch.19, 20

Hedin (k)

Henshaw (a d)

*Herrick (a c)

Hersey

Hornaday (c)

Howell (a b)

Hudson (a)

*Huntington, D. W. (c)

Job

Johnson, F. E. (a)

Kennedy

*Lewis and Clark

Linsdale (d)

Lydekker (b) v.3, 4

***Mackenzie, A.

**Maugham (c)

Meakin (b)

Methuen

Morris

Nansen (c)

Nuttall

*Peterson

Reed

Rice, A. H.

**Rich, W.

**Ridgway

*Roberts

Rock (b)

Rockhill

Rutledge

St. John, J. A.

Samuels

Savile

Schwatka (c)

Semon

*Sheldon (b)

*Shiras

Smith, H. H.

Sowerby

Stewart, E.

Thomas, W. S. (b)

**Torrey

**Townsend, C. W. (b c)

Tristram

Vachell

Weed (c)

Wellby

Wells, J. W.

***Wetmore (a b c n)

Whitney, H.

Wilcox (b)

*Wilkins, G. H.

**Wrangell p 62

Wyman

Yule

Duck, Abert's *Anas aberti*

Ridgway

Duck, Acorn *Aix sponsa*

Elliot

See also Coot

Duck, Anas *Anatinae*

Audubon

Lydekker

Duck, Baldpate *Mareca**americana*

Brooks, A. (a)

Henshaw (a d)

Reed

Roberts

Wyman

Duck, Black *Anas rubripes*

Allen, G. M.

Bent

Brooks A. (a)

*Chapman, F. M. (b)

**Coues

Elliot

Flagg

*Henshaw (a d)

*Herrick (a)

Huntington, D. W. (c)

Job

Kennard

Mann, W. M. (d)

*Maugham (c)

Nuttall

Nelson, W. A.

*Phillips

Reed

Rich, W.

*Ridgway

*Roberts

Shiras (b)

Townsend, C. W. (c e)

Weed (c)

See also Dusky duck

Duck, Black *English Anas obscura*

Elliot

Hornaday (c)

Huntington, D. W. (c)

Maugham (c)

Shiras (c)

Duck, Braming *Casarca casarca*

Elliot

Duck, Brewer's *Anas breweri*

Audubon

Elliot

Duck, Broadbill *Nyroca marila* or *affinis*

Chapman, F. M. (b)

Nuttall

Duck, Buffle head *Charitonetta albeola*

Audubon

Brooks, A. (a d)

*Coues

*Elliot

Hardy

Henshaw (a d)

*Hornaday (c)

*Huntington

Lydekker (b) v.3, 4

Morris

Reed

Roberts

Wyman

See also Butter-ball

Duck, Canvasback *Nyroca valisineria*

Allen, A. A. (a—d)

Audubon

Brooks, A. (a)

Cory

Coues

*Dickey

Gillmore (n)

Henshaw (a d)

*Hornaday

Huntington

Kingston

**Nuttall

Reed

**Rich

*Roberts

*Shiras (b c)

Vachell

Weed (c)

Wyman

Duck, Creek *Chaulelasmus streperus*

Coues

Elliot

Duck, Crow *Fulica americana*

Chapman, F. M. (b)

Coues

Nuttall

Duck, Dusky *Anas fulvigula*

Audubon

Chapman, F. M. (b)

Cleaves

Coues

- Elliot
 Hardy
 Huntington
 Job
 Lydekker (b) v.3, 4
 *Nuttall
 Phillips
 *Rich
 *Roberts
 *Torrrey (f)
 Weed (c)
Duck, Dusky Florida *Anas fulvigula fulvigula*
 Chapman, F. M. (b)
 Coues
 Elliot
Duck, Eider *Somateria mollissima*
 ***Audubon
 Barnard
 Brooks, A. (a)
 Carstensen
 Chapman, F. M. (b)
 Coues
 Dahl
 Hardy
 Hayes
 Henshaw (a d)
 Hersey
 ***Hornaday (c)
 Lydekker (b) v 3, 4
 MacMillan (a)
 Mecking
 Morris
 Payer
 Pitt
 Reed
 **Rich
 Streeter
 **Townsend, C. W. (b c)
 Villiers
 See also King duck
Duck, Ferruginous *Erismatura ferruginea*
 Morris
 Ridgway
Duck, Fiddler
 Elliot
Duck, Fiddler, Yellow-bellied *Dendrocygna fulva*
 Elliot
Duck, Fish Mergus
 Coues
 Elliot
Duck, Florida *Anas fulvigula fulvigula*
 Bent
 Brooks, A. (a)
 Coues
 Nuttall
 Reed
 Rich
 Ridgway
Duck, Fulvous tree *Dendrocygna bicolor helva*
 Brooks, A. (a)
 Chapman, F. M. (c)
 Elliot
 Henshaw
 Huntington
 Phillips
 Reed
 Wetmore (b)
Duck, Gadwell *Chaulelasmus streperus*
 *Audubon
 Brooks, A. (a)
 *Elliot
 Henshaw (a d)
 Huntington
 Phillips
 Reed
 Rich
 *Wetmore (a)
 Wyman
 See also Gadwell
Duck, German *Chaulelasmus streperus*
 Elliot
Duck, Golden eye *Glaucionetta clangula*
 Audubon
 Brooks, A. (a)
 Coues
 Elliot
 Griggs, R. F. (a)
 **Hardy
 *Henshaw (a d)
 *Hornaday (c)
 *Huntington
 Lydekker
 Morris
 Reed
 Rich
 Shiras (b)
 Townsend, C. W. (a b c)
Duck, Gray *Anas boschas*
 Chapman, F. M. (b)
 Coues
 Elliot
 Hornaday (c)
 Huntington
 Nuttall
 Rich
 See also Mallard
Duck, Harlequin *Histrionicus histrionicus*
 **Audubon
 Bent (e)
 Brooks, A. (a)
 Chapman, F. M. (b)
 **Coues
 Elliot
 Hardy
 Henshaw (a d)
 Hornaday (c)
 Huntington
 Lydekker (b) v.3, 4
 Morris
 *Nuttall
 Reed
 Rich
 *Ridgway
 **Selous, Edmund
 **Sheldon
 Thomas, W. S.
 *Townsend, C. W. (b c e)
Duck, Hawk *Falco peregrinus anatum*
 Ridgway
Duck, Heavy tailed *Erismatura jamaicensis*
 Elliot
Duck, Horse *Nyroca valisneria*
 Elliot
Duck, King *Somateria spectabilis*
 Audubon
 Elliot
 Morris
 Rich
 Townsend, C. W. (b c e)
Duck, Labrador *Camptorhynchus labradorius*
 Allen, A. A. (d)
 Baynes (e)
 Brooks, A. (a) p.491
 *Chapman, F. M. (b)
 **Coues
 *Elliot
 Finley, W. L.
 *Henshaw (a d)
 Huntington
 Lydekker (b) v.3,4
 *Nuttall
 Reed
 Rich
 Ridgway
 *Townsend, C. W. (b c e)
Duck, Long-legged *Dendrocygna fulva*
 Elliot
Duck, Long-tailed *Clangula hyemalis*
 *Audubon
 Coues
 Elliot
 Hardy
 Huntington
 Job
 Lydekker (b) v.3, 4
 Morris
 *Nuttall
 Reed
 Rich
 *Townsend, C. W. (c)
Duck, Mallard *Anas platyrhynchos*
 *Allen, G. M.
 *Andrews, R. C. (d)
 **Audubon
 *Baynes (e)
 *Beebe, W. (d)
 Bent (c)
 Brooks, A. (a)
 Chapman, A. (b)
 Chapman, F. M. (c)
 Cory (e)
 Crawford
 Dawson (a)
 ***Dodge
 *Elliot
 Figuier ch.2
 Hardy
 Henshaw (a d)
 Hornaday (c)
 Huntington
 Kennard

Duck, Mallard—Continued

Mann, W. M. (d)
 Nelson, W. A.
 Nuttall
 Peterson
 Phillips
 Reed

****Rich**
***Roberts**
***Shiras (b c)**
 Vachell
****Wetmore (a m)**
 Wilcox
 Wyman

Duck, Mandarin *Dendrocygna*

galerita
 Elliot
 Lydekker (b) v.3, 4
 Rich
 Ridgway

Duck, Masked *Nomonyx dominicus*

Chapman, F. M. (b)
 Elliot
 Huntington
 Nuttall
 Reed
 Ridgway

Duck, Mexican *Anas diazi*

Bent
 Brooks, A. (a)
 Phillips
 Ridgway

Duck, Mottled *Anas fulvigula maculosa*

Bent
 Coues
 Elliot
 Phillips
 Reed

Duck, Muscovy *Cairina moschata*

Allen, G. M.
 Elliot
 Fountain (d)
 Jull
 Ridgway
 Shiras (b)
 Wetmore (b)

Duck, Noisy *Clangula hyemalis*

Elliot

Duck, Oldsquaw *Clangula hyemalis*

Bent (e)
 Brooks, A. (a)
 Henshaw (a d)
***Hornaday (c)**
***Phillips**
 Reed
 Roberts

Duck, Painted *Histrionicus*

Coues
 Elliot

Duck, Pekin *Anas domestica*

Mann, W. M. (d)

Duck, Pied *Camptorhynchus*

labradorius
 Audubon
 Chapman, F. M. (b)
 Elliot

Huntington

Nuttall

Townsend, C. W. (b)

Duck, Pintail *Dafla acuta*

Adams, H. C. (f)
***Allen, G. M.**

****Audubon**

Brooks, A. (a)
 Coues
 Finley, W. L.
 Hardy
 Henshaw (a d)

***Hornaday (c)**

Huntington, D. W. (c)
 Lydekker (b) v.3, 4
 Mann, W. M. (d)

Morris
 Phillips
 Reed

Rich**Roberts*****Shiras (b c)*****Wetmore (a b)****Duck, Raft *Nyroca americana***

Coues
 Elliot
 Rich

Duck, Raft red-headed *Nyroca americana*

Bent
 Coues
 Elliot
 Phillips
 Rich
 Wyman

Duck, Red-head *Nyroca americana*

***Audubon**
 Brooks, A. (a)
 Coues
 Henshaw (d)
 Hornaday (c)
 Huntington
 Job
 Morris
 Nelson, W. A.
 Peterson
 Shiras (b)
 Vachell
 Wyman

Duck, Ring-necked *Nyroca collaris*****Audubon**

Bent

Brooks, A. (a)

****Chapman, F. M. (b)******Coues******Elliot**

Hardy

Henshaw (d)

Hornaday (c)

Huntington

Nuttall

Phillips

Reed

Rich**Roberts*****Ridgway**

Wyman

Duck, Rock *Histrionicus*

Coues

Elliot

Duck, Ruddy *Erismatura jamaicensis*

Allen, G. M.

****Audubon**

Brooks, A. (a)

***Chapman, F. M. (b c)**

***Coues**

Elliot**Hardy**

Henshaw (a d)

Henshaw

Huntington

Job

Kyser

Morris

Nuttall

Phillips

Reed

****Rich**

Ridgway

Roberts

***Wetmore (a b)**

Wyman

Duck, Rufous-crested *Netta rufina*

Bent

Chapman, F. M. (b)

Elliot

Nuttall

Ridgway

Duck, Rufous long-legged *Dendrocygna fulva*

Elliot

Duck, Sand shoal *Camptorhynchus labradorius*

Elliot

Duck, Saw-billed *Mergus*

Elliot

Duck, Scaup *Nyroca****Audubon**

Bent (c e)

***Chapman, F. M. (b)**

Dickey

Elliot

***Hardy**

Huntington

Lydekker (b) v.3, 4

Nuttall

Reed

Rich

***Ridgway**

Shiras (b c)

Duck, Scaup, Greater *Nyroca marila*

Brooks, A. (a)

Chapman, F. M. (b)

***Elliot**

Henshaw (a d)

Job

Lydekker (b) v.3, 4

Reed

Rich

Duck, Scaup, Lesser *Nyroca affinis****Allen, G. M.**

Bent

Brooks, A. (a)

Chapman, F. M. (b)

- *Elliot
Henshaw (a d)
Hornaday (c)
Huntington
Job
- *Nuttall
Reed
- *Rich
- *Wetmore (a)
Wyman
- Duck, Sea Fuligulinae**
Coues
Elliot
Nuttall
Rich
- Duck, Shoveler *Spatula clypeata***
**Audubon
Coues
Dickey
Elliot
Fraser, J. B. (d)
*Hardy
Henshaw (a d)
Hornaday (c)
Huntington
Lydekker (b) v.3, 4
Rich
*Wetmore (a)
Wyman
See also Shoveler;
Spoonbill
- Duck, Skunk *Melanitta perspicillata***
Elliot
- Duck, Spectacled *Arctonetta fischeri***
Elliot
Henshaw (d)
- Duck, Spine-tail *Dafila acuta* or *Clangula hyemalis***
Elliot
Nuttall
- Duck, Spirit *Clangula*, etc.**
Chapman, F. M. (b)
Elliot
Nuttall
Rich
- Duck, Sprig-tail *Dafila acuta*, etc.**
Hornaday (c)
Huntington
Rich
See also Pintail duck
- Duck, Steller's *Polysticta stelleri***
Chapman, F. M. (b)
Elliot
Henshaw (d)
Morris
Nuttall
Ridgway
- Duck, Stock *Anas platyrhynchos***
Elliot
- Duck, Summer *Aix sponsa***
Audubon
Coues
Elliot
Job
- Kingston
Lydekker (b) v.3, 4
Nuttall
Rich
Roberts
- Duck, Summer black *Anas rubripes***
Elliot
Kingston
Lydekker (b) v.3, 4
Nuttall
- Duck, Surf *Oidemia*, etc.**
Audubon
Coues
Elliot
Nuttall
Rich
- Duck, Surf white winged *Oidemia deglandi***
Elliot
- Duck, Swallow-tailed *Clangula hyemalis***
Coues
Elliot
See also Duck, Long-tailed
- Duck, Tree *Dendrocygna***
Brooks, A. (a)
Coues
Elliot
Henshaw (d)
Hornaday (c)
Lydekker
Phillips
Simmons
Wetmore (b)
Wyman
- Duck, Tree black-bellied *Dendrocygna autumnalis autumnalis***
Elliot
Huntington
Reed
- Duck, Tufted *Nyroca fuligula***
Bent
Elliot
Morris
Phillips
- Duck, Velvet *Melanitta fusca***
Audubon
Coues
Elliot
Morris
Nuttall
Rich
- Duck, Western *Anas*, etc.**
Audubon
- Duck, Wheat *Mareca americana***
Coues
Elliot
- Duck, White-faced *Querquedula discolors***
Elliot
- Duck, Wild *Anas platyrhynchos***
Coues
Elliot
- Duck, Wild common *Anas*, etc.**
Coues
Elliot
Lydekker (b) v.3, 4
Morris
- Duck, Wood *Aix sponsa***
Allen, G. M.
- ***Audubon
Baynes (e)
Brooks, A. (a d)
Bulger
*Burroughs
*Chapman, F. M. (b)
*Coues
*Elliot
*Hardy
Henshaw (a d e)
Hornaday (c)
Huntington
Lydekker (b) v.3, 4
Mann, W. M. (d)
Nelson, W. A.
Nuttall
*Porter, G. S.
Reed
Rich
*Ridgway
*Roberts
Sandys ch.16
Torrey (c)
Vachell
Wyman
- Eagle *Haliaeetus, Aquila*, etc.**
Allen, G. M.
Andrews, R. C. (d)
Atkinson
- ***Audubon (d)
Baird (b)
Barnard
Beebe, M. B.
Beebe, W. (b d)
Bewick
Bible
Chadwick (a)
***Chapman, A. (b c e)
***Chapman, F. M. (b)
Coues
Dawson
Dickey
Dunmore
Dyott
Farnham, T. J. (b)
Figuier ch 8
Fitzsimons (a)
Forbush
Fountain (b d)
Fraser, J. B. (d)
Fuertes (b)
Goodwin (c)
*Gordon, S.
**Gordon, T. E.
*Gouldsbury (a)
Griggs, R. F. (a)
*Hardy
Haslund-Christensen
Hedin (b k)
Heilprin (e)
Henshaw (a e)
***Herrick (a b d)

Eagle—Continued

- Hersey
 Hoefler
 Holland
 Huntington, D. W. (c)
 Johnston (e—1)
 Kingston
 Linsdale (a b)
 Lull (a)
 Lydekker (b) v.3, 4
 *Maugham (c)
 Meakin (b)
 Mills (c)
 Morris
 *Nuttall
 Outram
 *Peterson
 **Radclyffe
 **Reid
 *Roberts
 Rutledge
 Samuels
 Schillings
 Schwatka (c)
 *Scott, W. E. D.
 **Selous, F. C. (b c)
 Semon
 Serpa-Pinto
 Shiras (b)
 Stanley
 Stuck
 Thomas, B.
 *Torrey (b c e)
 Tristram
 Weed
 Wilkins, G. H.
 William, P. of S.
 Wilson, A.
 ***Wrangell p.62
 Wyman
Eagle, American *Haliaeetus leucocephalus*
 Fuertes (b)
 See also White-headed eagle
Eagle, Bald *Haliaeetus leucocephalus*
 Allen, A. A. (d)
 Allen, G. M.
 **Audubon
 Baird
 Beebe, W. (d)
 Bent (e)
 Burg, A. (b)
 *Burroughs
 Chapman, F. M. (b c)
 Coues
 Craighead
 Farnham, T. J. (b)
 *Henshaw (a e)
 **Herrick (b c d)
 Hornaday
 Hubbard, B. R. (b)
 Kingston
 Lydekker (b) v.3, 4
 Moore, W. R. (d)
 Muir
 Nelson, E. W. (d)
 Nuttall
 Reed
 Roberts

- **Scott, W. E. D.
 *Torrey (c)
 Wetmore (i)
 **Wilson, A.
 Wyman
Eagle, Bateleur *Helotarsus ecaudatus*
 Blanford
 Friedmann
 Lydekker (b) v.3, 4
 Wollaston
 See also Sahara desert
Eagle, Black-checked
 Cassin
 Coues
 Dodge (b)
Eagle, Calumet
 Cassin
Eagle, Caracara *Polyborus cheriway*
 Audubon
 Baird
 Nuttall
Eagle, Crested *Lophoctes occipitalis*
 Lydekker (b) v.3, 4
 See also South Africa
Eagle, Fish *Haliaeetus albicilla*
 Marston, J.
 See also Sea eagle
Eagle, Golden *Aquila chrysaetos*
 Allen, G. M.
 **Audubon (d)
 Bailey, W. L.
 **Baillie-Grohman
 *Baird
 *Beebe, W. (d)
 Bendrie
 Cassin
 Chapman, F. M. (b c)
 Coues
 Crawford
 Farnham, T. J. (b)
 Finley, W. L.
 Fountain (c)
 Goodwin (c)
 Gordon, S. P.
 Henshaw (c)
 *Herrick (a d)
 Hornaday (c)
 Howell (a b)
 Lattimore
 Lydekker (b) v.3, 4
 Morris
 Murphy (g)
 Nuttall
 Outram
 Parker, M. P.
 *Porter, G. S.
 Reed
 Roberts
 Roy, L. C.
 *Scott
 *Selous, F. C. (e)
 Weed (c)
 Wetmore (i)
 Wyman

- Eagle, Grey** *Haliaeetus albicilla*
 Cassin
 Chapman, F. M. (b)
 Reed
 Scott, W. E. D.
Eagle, Imperial *Aquila heliaca*
 Figuier ch.8
 Hume
 Jerdon
 Lydekker (b) v.3, 4
 Tristram
Eagle, Sea *Haliaeetus albicilla*
 Allen, G. M.
 *Audubon
 Barrett, C.
 Beebe, W. (d)
 Cassin
 *Coues
 DuChaillu (g) p 91
 Figuier ch 8
 Fraser, J. B. (d)
 Friedmann (a)
 *Gordon, S. P.
 Hume
 Lydekker (b) v.3, 4
 *Nuttall
 Scott, W. E. D.
 Wilson
 See also Fish eagle
Eagle, Serpent *Spilornis cheela*
 Lydekker (b) v.3, 4
 See also India
Eagle, Washington *Haliaeetus leucocephalus washingtonensis*
 Audubon
 Cassin
 Nuttall
Eagle, White
 Cassin
 Gillmore, P. (n)
Eagle, White-headed *Haliaeetus leucocephalus*
 Cassin
 Coues
 Fountain (c)
 Fuertes (b)
 Lydekker (b) v.3, 4
Eagle, White-tailed *Haliaeetus albicilla*
 Coues
 Nuttall
 Wilson
Egret *Casmerodius*
 Allen, A. A. (d)
 **Audubon (a—f)
 *Baynes (e)
 *Chapman, F. M. (b c)
 Dawson (a b)
 *Dickey
 Fisher, A. H.
 Fitzsimons (a)
 Fleming
 Forbush
 Fountain (d)
 **Gouldsbury (a)
 Heilprin (e)
 Howell (a)
 Johnston (e l)
 Linsdale (b)

- Lydekker (b) v.3, 4
 Maslowski
 Moore, W. R. (d)
 Murphy, R. C. (f)
 Nelson, W. A.
 Pearson (d)
 Percival
 *Peterson
 Reed
 *Schillings
 *Shiras (b)
 *Torrey (c)
 Weed (c)
 Wetmore (b)
 Williams, L.
 Wyman
- Egret, American** *Casmerodius albus egretta*
 Finley, W. L.
 Pearson (d)
- Egret, Brewster's** *Egretta thula brewsteri*
 Allen, A. A. (d)
- Egret, Reddish** *Dichromanassa rufescens*
 Pearson (d)
- Egret, Snowy or White** *Egretta thula*
 Monfried
 Nelson, E. W. (d)
 Pearson (d)
 Shiras (c)
- Eider** *Somateria*
 Boyd, L. A.
 Chapman, F. M. (b)
 Coues
 Figuier ch.2
 Forbush
 Hersey
 Lydekker (b) v.3, 4
 Peary (c)
 Peterson
 Rich
 Streeter
See also Duck
- Eider, American** *Somateria mollissima dresseri*
 Audubon
 Chapman, F. M. (b c)
 Coues
 **Elliot
 Hornaday (c)
 Huntington
 Reed
 *Rich
 Ridgway
See also Duck
- Eider, Common** *Somateria mollissima*
 Elliot
 Nuttall
- Eider, Fischer** *Arctonetta fischeri*
 Elliot
- Eider, Greenland** *Somateria mollissima mollissima*
 Chapman, F. M. (b)
 Coues
 Nuttall
 Rich
 Ridgway
- Eider, King** *Somateria spectabilis*
 *Chapman, F. M. (b)
 *Coues
 Elliot
 Hardy
 Henshaw (a d)
 Huntington
 Lydekker (b) v.3, 4
 Morris
 Nuttall
 Phillips
 Reed
 *Rich
- Eider, Pacific** *Somateria v-nigra*
 Bent (e)
 Brooks, A. (a)
 Coues
 Elliot
 Henshaw (a d)
 Phillips
 Reed
 Ridgway
See also Duck
- Eider, Spectacled** *Arctonetta fischeri*
 Brooks, A. (a)
 Coues
 Elliot
 Henshaw
 Hornaday (c)
 Phillips
 Reed
 Ridgway
- Elephant Bird**
See Aepyornis
- Emu, Emeu** *Dromiceius n. hollandiae*
 Allen, G. M.
 Ault
 Beebe, W. (d)
 Fleming
 Gregory, H. E.
 Lydekker (b) v.3, 4
 Macnie
 Wetmore (m)
 Wilkin, G. H.
- Falcon** *Falco*
 Allen, A. A. (a—d)
 **Audubon (b)
 Baird (b)
 Baker, S. W. (a)
 *Beebe, W. (d)
 Bent (e)
 Bewick
 *Chapman, F. M. (b)
 Coues
 Crawford
 Dawson (a b)
 Forbush
 Fuertes (a b)
 Goodwin (c)
 *Herrick (c d)
 *Howell (a)
 *Hudson (c)
 Jameson
 Linsdale (a)
 Lydekker (b) v.3, 4
 Meakin (b)
- *Peterson
 Raswan ch.8
 Reed
 **Ridgway
 *Roberts
 Samuels
 Scott
 Selous, F. C. (h)
 Wetmore (b m)
 Whympere, E. (b)
 **Wilson, A.
 Wyman
- Falcon, Prairie** *Falco mexicanus*
 Allen, A. A. (d)
 Craighead
 Fuertes (b)
 Wetmore (i)
- Finch** *Fringillidae*
 *Allen, A. A. (b d)
 ***Audubon
 Ball
 Baynes (e)
 Bent (c)
 Bonaparte v.1, 2
 **Burroughs
 Chapin, J. P. (d)
 Chapman, F. M. (c)
 Dawson (a b)
 Finley, W. L.
 Flagg
 Forbush
 Friedmann (b)
 Green
 Henshaw (a e)
 Howell (a b)
 Jameson
 Job
 Linsdale (b)
 Lydekker (b) v.3, 4
 Mann, W. M. (d)
 Mathews
 Mearns
 Pearson (c)
 Peterson
 *Porter, G. S.
 Reed
 Roberts
 Saunders
 **Scott, W. E. D.
 *Torrey (a b d e f g)
 Trafton
 Weed (c)
 Wetmore (m n o)
 Willett
 **Wilson, A.
 Wrangell p.62
 Wyman
- Finch, House** *Carpodacus mexicanus*
 Henshaw (e)
- Finch, Purple** *Carpodacus purpureus*
 Henshaw (e)
- Flamingo** *Phoenicopterus*
 Allen, G. M.
 **Audubon
 Beebe, W. (a c d)
 Chapman, F. M. (c)
 *Cory (e)
 **Dalton

Flamingo—Continued

Dubois
 *Figuier ch.4
 Fitzsimons (a)
 Fountain (d)
 Friedmann (a)
 **Gouldsbury (a)
 Hagen, W.
 Hoeffer
 Horsfield
 Howell (a)
 Johnson, Martin (d f p.54)
 Johnston, H. H. (e—1)
 Kingston
 La Gorce (c)
 Lindberg
 Lydekker (b) v.3, 4
 Meakin (b)
 Murphy, R. C. (f g)
 Nuttall
 Pearson (d)
 Reed
 Russell, P.
 **Wetmore (d m)

Flicker Colaptes

Allen, A. A. (a d)
 Ball
 Beebe, W. (d)
 Brooks, A. (a)
 **Burroughs
 Chapman, F. M. (c i)
 Green
 Henshaw (a b)
 Herrick (a c)
 Howell (a)
 Job
 Linsdale (a)
 Mathews
 *Peterson
 Porter, G. S.
 Reed
 *Roberts
 Schantz
 **Scott, W. E. D.
 *Shiras (b)
 Torrey (a b c d e f h)
 Trafton
 Wetmore (m)

Flicker, Gilded

Colaptes chrysoides

Brooks, A. (b)

Flicker, Red shafted Colaptes cafer

Brooks, A. (b)

Flicker, Yellow shafted

Colaptes auratus

Brooks, A. (b)

Flycatcher Muscicapidae or Tyrannidae

**Audubon
 Ball
 Baynes (e)
 *Beebe, W. (c d)
 Bewick
 *Bonaparte v.1
 Burroughs
 Critchell
 Dawson (a)
 Figuier ch.7
 Fitzsimons
 Forbush

Friedmann (b)
 Gregory, H. E.
 Henshaw (a e)
 Herrick
 Horsfield
 Howell (a b)
 Jameson
 Job
 Kennard
 Linsdale (b)
 Lydekker (b) v.3, 4
 Mathews
 Murphy, R. C. (f g)
 Oberholser
 *Peterson
 Reed
 Roberts
 Saunders
 ***Scott, W. E. D.
 Sharp ch.7 (chebec)
 Slevin
 *Torrey (c d e f g)
 Trafton
 Weed (c)
 Wetmore (g)
 Willett
 Wilson (a)
 Wyman

Flycatcher, Alder Empidonax traillii

Wetmore (g)

Flycatcher, Ash-throated

Myiarchus cinerascens

Wetmore (g)

Flycatcher, Beardless Campylorhynchus imberbe

Wetmore (g)

Flycatcher, Buff breasted Empidonax fulvifrons pygmaeus

Wetmore (g)

Flycatcher, Coues' Myiochanes petinax pallidiventris

Wetmore (g)

Flycatcher, Derby Pitangus sulphuratus derbianus

Wetmore (g)

Flycatcher, Great crested Myiarchus cinerascens

Wetmore (g)

Flycatcher, Least Empidonax minimus

Ball

Wetmore (g)

Flycatcher, Olivaceous Myiarchus tuberculifer olivaceus

Wetmore (g)

Flycatcher, Olive-sided Nuttallornis mesoleucus

Ball

Wetmore (g)

Flycatcher, Scissor-tailed Muscivora forficata

Wetmore (g)

Flycatcher, Sulphur-billed Myiodynastes luteiventris swarthi

Wetmore (g)

Flycatcher, Vermillion Pyrocephalus rubinus mexicanus

Wetmore (g)

Flycatcher, Yellow bellied

Empidonax flaviventris

Wetmore (g)

Fool-hen Tetraonidae

Outram

Peterson

Roberts

Wetmore (g)

Wilcox (b)

See also Grouse

Fowl

See Guinea-fowl; Pea-

cock; Spur-fowl

Francolin Francolinus

*Baker, S. W. (a)

Baum

Figuier

Friedmann (a)

*Galton

*Gouldsbury (a)

Johnston, H. H. (e—1)

Kerr

Lydekker (b) v.3, 4

Meakin (b)

Mearns

Frigate-bird Fregata

Allen, G. M

Barrett, C.

Beebe, W. (c d)

Bull

Chapin, J. P. (c d)

Figuier ch.2

Forbes, H. C.

Forbush

*Gadow

*Grey, Z. (c)

*Guerther

Howell (a)

Lydekker (b) v.3, 4

Murphy (g)

Peterson

Van Dyke, J. C.

Weed (c)

Wetmore (k m)

See also Man-o'-war bird

Fulmar Fulmarus

Audubon

Bent (b e)

Chapman, A. (b)

Figuier ch.2

Forbush

Lydekker (b) v.3, 4

Mecking

Morris

Murphy, R. C. (a f g h)

Peel (b)

Reed

Torrey (b)

Wetmore (m)

Wyman

See also Gull; Petrel

Gadwall Chauleasmus streperus

Allen, G. M.

Brooks, A. (a)

Chapman, F. M. (c)

- Henshaw
 Huntington, D. W. (c)
 Job
 *Peterson
 Reed
 *Rich
 *Roberts
 Wyman
Gallinule Gallinula
 *Audubon (d)
 Beebe, W. (d)
 Bonaparte v.4
 Dawson (a)
 Henshaw (a d)
 Howell (a b)
 Job
 Lydekker (b) v.3, 4
 Pitt
 *Roberts
 *Shiras (b)
 *Torrey (f)
 Weed (c)
 Wetmore (m)
Gallinule, Florida Gallinule
chloropus cachumans
 Allen, A. A. (e)
 Henshaw (d)
Gallinule, Purple Isonornis
martinica
 Allen, A. A. (e)
 Henshaw (d)
Gannet Moris
 Audubon
 Barrett, C.
 Beebe, W. (c d)
 Chapman, F. M. (c)
 Coker
 Figuiet ch.2
 Forbush
 Gilliard
 Hansen, L.
 Howell (a)
 Locksley
 Lydekker
 Murphy, R. C. (f)
 Peterson
 Pidgeon
 Pitt
 Reed
 Shiras (b)
 Smith, H. M. (c)
 Torrey (c)
 Townsend, C. W. (e f)
 Weed (c)
 Wilson, J. A. (a)
Gerfalcon Falco rusticolus
 Fuertes (a b)
See also Gyr Falcon
Gnatcatcher Polioptila
 Roberts
 Torrey (d e g)
 Wetmore (h)
Goatsuckers Caprimulgus
 Beebe, W. (d)
 Figuiet ch.7
 Langford
 Roberts
 Shiras (b)
- Weed
 Wetmore (m)
 Wilson, A.
Godwit Limosa
 Audubon
 Bent (e)
 Dawson (a)
 Figuiet ch.4
 Forbush
 Henshaw (a d)
 Howell (a)
 Linsdale
 Lydekker (b) v.3, 4
 Moore, W. R. (c)
 Nelson, E. W. (d)
 *Peterson
 Reed
 Roberts
 *Torrey (b)
 *Wilson, A.
 Wyman
Godwit, Hudsonian Limosa
haemastica
 Allen, A. A. (e)
 Henshaw (d)
Godwit, Marbled Limosa
fedoa
 Allen, A. A. (e)
Godwit, Pacific Limosa lap-
ponica baueri
 Allen, A. A. (e)
Golden-eye Glaucionetta
 Dawson (a)
 Forbush
Goldfinch Astragalinus or
Carduelis
 Allen, A. A. (a b)
 **Audubon
 Ball
 Baynes (e)
 Beebe, W. (d)
 Bewick
 Bonaparte v.1
 **Burroughs
 Chapman, F. C. (c)
 Dawson (a)
 Figuiet ch.7
 Flagg
 Henshaw (a e)
 Herrick (a)
 Howell (a b)
 Job
 Lydekker (b) v.3, 4
 Mathews
 Nelson, E. W. (d)
 Pearson (c)
 *Peterson
 Reed
 Roberts
 Saunders
 **Scott, W. E. D.
 *Torrey (a b d g h)
 Trafton
 Wetmore (o)
 Wyman
Goosander Mergus
 Coues
 Fraser, J. B. (d)
 Hardy
 Lydekker (b) v.3, 4
- Morris
 Roberts
 Weed (c)
Goose Anserinae
 Agassiz
 Allen, G. M.
 **Andrews, R. C. (d)
 ***Audubon
 ***Baker, S. W. (a)
 Baynes (e)
 Beebe, W. (d)
 Bentley, R. ch.10
 Brooks, A. (a d)
 Cartwright
 **Chapman, A. (b d)
 **Chapman, F. M. (b c)
 Cooke, W. W.
 *Cory (e)
 *Coues
 Crawford
 Dawson (a)
 DeVeer
 *Dodge (b)
 *Elliot, D. G. (c)
 Farnham, T. J. (b)
 Figuiet ch.2
 Fitzsimons (a)
 Flagg
 Forbush
 Fountain (c)
 Gillmore (d)
 Gordon, S. P.
 *Gouldsbury (a)
 Hedin (b)
 Heilprin (a)
 Henshaw (a d)
 **Herrick (a c)
 Hersey
 Hoefler
 *Holder (a)
 Howell (a)
 Hubbard, L.
 Hudson (a c)
 Huntington (a c)
 Job
 Johnston, H. H. (e—1)
 Jull
 Kennedy
 *Lewis and Clark
 Lydekker (b) v.3, 4
 ***Mackenzie, A.
 Maugham (c)
 Mecking
 Morris
 Nuttall
 *Peterson
 **Pike, W.
 **Pike, Z.
 Pitt
 *Radcliffe
 Reed
 Rice, W.
 Rich
 *Ridgway
 Roberts
 Rock (b)
 Samuels
 Schwatka (c)
 *Selous, F. C. (b h)
 *Sheldon (b)
 Shiras (b)

Goose—*Continued*

- *Sowerby (b)
 Stewart, E.
 Thomas, W. S. (b)
 Torrey (b)
 Townsend, C. W. (e)
 Villiers
 Weed
 *Wetmore (a c m n)
 Wilkins, G. H.
 Willett
 Wyman
 Yule
 Zenzinov
Goose, American
 Chapman, F. M. (b)
 Coues
 Reed
 Ridgway
Goose, Bailey Chen, etc.
 Elliot
Goose, Bald-headed Chen, etc.
 Elliot, D. G.
Goose, Bar Anser indicus
 Elliot, D. G.
Goose, Barnacle Branta leucopsis
 **Audubon
 Barnard
 Brooks, A. (a)
 Chapman, F. M. (b)
 *Coues
 *Elliot, D. G.
 Lydekker (b) v.3, 4
 Morris
 Nuttall
 Peel (b)
 Phillips
 Reed
 *Ridgway
Goose, Bay Branta canadensis
 Coues
 Elliot, D. G.
Goose, Bean Anser segetum
 Elliot, D. G.
 Reed
 Ridgway
Goose, Black-headed Branta, etc.
 Coues
 Elliot, D. G.
 Henshaw (d)
Goose, Blue Chen caerulescens
 Brooks, A. (a)
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Henshaw (a d)
 Huntington
 Mann, W. M. (d)
 Mecking
 Phillips
 Reed
 Ridgway
 Roberts
 Shiras (b c)
Goose, Brent or Brant Branta bernicla
 Audubon
 *Coues
 **Elliot, D. G.
 Hall, C. F. ch.24
 Henshaw (a d)
 Huntington
 Lydekker (b) v.3, 4
 Morris
 Nuttall
 Rich
 Weed
 *Wyman
 See also Brant
Goose, Cackling Branta canadensis minima
 Bent (e)
 Brooks, A. (a)
 Chapman, F. M. (b)
 Coues
 **Elliot, D. G.
 Henshaw (a d)
 Hornaday (c)
 Huntington
 Nelson, E. W. (d)
 Nuttall
 Phillips
 Reed
 *Ridgway
 Wyman
Goose, Canada Branta canadensis canadensis
 Allen, G. M.
 Audubon
 Bentley, R. ch 6
 Brooks, A. (a)
 Chapman, F. M. (b)
 Elliot, D. G.
 Flagg
 Henshaw (a d)
 Herrick (a)
 *Hornaday (c)
 Huntington
 Job
 Mann, W. M. (d)
 Morris
 Nelson, W. A.
 Nuttall
 *Phillips
 Reed
 *Rich
 **Ridgway
 Roberts
 **Selous, F. C. (h)
 *Shiras (b c)
 Torrey (f)
 Weed (c)
 Wetmore (a)
 Wyman
Goose, Cravat
 Coues
 Elliot, D. G.
Goose, Egyptian Alopochen aegyptiacus
 Brooks, A.
 Lydekker (b) v.3, 4
 Morris
Goose, Emperor Philacte canagica
 Bales
 Brooks, A. (d)
 Coues
 Elliot, D. G.
 Henshaw (d)
 Huntington
 Nelson, E. W. (d)
 Phillips
 Reed
 Ridgway
 Morris
Goose, Gray Anser fabalis
 Elliot, D. G.
 Phillips
Goose, Gray, Small Branta, etc.
 Elliot, D. G.
 Morris
Goose, Hutchins Branta canadensis hutchinsii
 **Audubon
 Chapman, F. M. (b)
 Coues
 *Elliot, D. G.
 *Hornaday (c)
 Huntington
 Nuttall
 Phillips
 Reed
 **Rich
 Wyman
Goose, Laughing Anser albifrons
 Bentley, R. ch.6
 Coues
 Elliot, D. G.
 Morris
 Nuttall
 Phillips
 Roberts
Goose, Lesser, Canada Branta canadensis leucopareia
 Brooks, A.
Goose, Lidenma Philacte canagica
 Elliot, D. G.
Goose, Low-ground Anser albifrons
 Elliot, D. G.
Goose, Mud Branta canadensis, etc.
 Coues
 Elliot, D. G.
Goose, Prairie Branta canadensis, etc.
 Coues
 Elliot, D. G.
Goose, Red Anser erythropus?
 Coues
 Elliot, D. G.
 Morris
Goose, Reef Branta, etc.
 Coues
 Elliot, D. G.
Goose, Richardson's Branta canadensis hutchinsii
 Brooks, A. (d)
Goose, Ring Branta bernicla
 Elliot, D. G.
Goose, Ross's Chen rossii
 Brooks, A. (d)

- Goose, Sea Branta**
Hudson
Lydekker (b) v.3, 4
Townsend, C. W. (b)
See also Brant
- Goose, Snow Chen hyperborea**
Audubon (d)
Bentley, R. ch.6
Elliot, D. G.
Hardy
Henshaw
Lydekker (b) v.3,4
Reed
Rich
Roberts
Shiras (c)
Wetmore (a)
- Goose, Snow, Blue Chen**
caerulescens
Audubon
Elliot, D. G.
Hardy
Rich
Wyman
- Goose, Snow, Greater Chen**
hyperborea atlantica
Chapman, F. M. (b)
**Elliot, D. G.
Huntington
Mann, W. M. (d)
Nuttall
Phillips
Reed
**Rich
Ridgway
Shiras (b)
- Goose, Snow, Lesser Chen**
hyperborea hyperborea
Brooks, A. (d)
Chapman, F. M. (b)
Elliot, D. G.
Huntington
Nuttall
Phillips
Reed
Rich
Ridgway
Shiras (b)
- Goose, Snow, Ross' Chen**
rossi
Coues
Elliot, D. G.
Huntington
Phillips
Rich
Ridgway
Wyman
- Goose, Solan Moris bassana**
Nuttall
Townsend, C. W. (e)
- Goose, Southern Anser, etc.**
Nuttall
- Goose, Spur-winged Plectropterus gambensis**
Allen, G. M.
Lydekker (b) v.3, 4
Morris
See also S. Africa
- Goose, Texas Chen, etc.**
Elliot, D. G.
- Goose, Tundrina Anser albifrons**
Elliot, D. G.
- Goose, White-cheeked Branta canadensis occidentalis**
Elliot, D. G.
Hornaday
Mann, W. M. (d)
Phillips
Reed
Ridgway
- Goose, White-collared Philacte, etc.**
Elliot, D. G.
- Goose, White-fronted Anser albifrons**
Audubon
Brooks, A. (a)
Chapman, F. M. (b)
Elliot, D. G.
Henshaw
Huntington
Lydekker (b) v.3, 4
Morris
Nuttall
Reed
**Rich
*Ridgway
Roberts
Wyman
- Goose, White-headed Philacte, etc.**
Coues
Elliot, D. G.
Morris
Phillips
- Goose, Wild Branta, etc.**
Elliot, D. G.
Huntington
- Goose, Winter Branta, etc.**
Coues
Elliot, D. G.
- Goose, Yellow-legged Anser albifrons**
Coues
Elliot, D. G.
- Goshawk Astur gentilis**
Allen, G. M.
Audubon
Baynes (c)
Bewick
Craighead
Dawson (a)
Figuier ch.8
Fuertes (a)
Huntington, D. W. (c)
Job
Lydekker (b) v.3,4
Peterson
Reed
Roberts
Scott, W. E. D.
Weed (c)
Wetmore (i)
Wyman
- Goura**
Barbour, T. (b)
- Grackle Quiscalus**
Allen, A. A. (c)
*Audubon
- Ball
Baynes (e)
Beebe, W. (d)
*Burroughs
Chapman, F. M. (c)
Dawson (a)
Flagg
Friedmann (b)
Green
*Herrick (c)
Howell (a)
Job
Lydekker (b) v.3, 4
Mathews
Reed
Roberts
*Scott, W. E. D.
Shiras (b)
Torrey (c e g)
Wetmore (n)
*Wilson, A.
- Grackle, Boat-tail Cassidix mexicanus major**
Allen, A. A. (c)
Ball
- Grackle, Purple Quiscalus quiscalus quiscalus**
Allen, A. A. (c)
Ball
- Grass-bird**
Fitzsimons
- Grebe Colymbidae**
Allen, A. A. (d)
Allen, G. M.
Audubon (d)
Baynes (e)
Chapman, F. M. (c)
Dawson (a)
Figuier ch.1
Forbush
Hardy
Hornaday (c)
Howell (a b)
Linsdale (b)
Lydekker (b) v.3,4
Morris
Murphy (d)
Oberholser
Pearson (b)
Peterson
Porter, G. S.
Reed
Roberts
Townsend, C. W. (e)
Weed (c)
Wetmore (b)
Willett
Wyman
- Grebe, American eared Colymbus nigricollis californicus**
Audubon
Coues
Reed
Ridgway
- Grebe, Carolina**
Hornaday
Nuttall

- Grebe, Clark's** *Aechmophorus clarki*
Coues
Ridgway
- Grebe, Crested** *Colymbus cristatus*
Allen, G. M.
Audubon
Coues
Morris
Ridgway
- Grebe, Dusky**
Morris
Nuttall
- Grebe, Eared** *Colymbus nigricollis californicus*
Audubon
Finley, W. L.
Morris
Pearson (b)
Wyman
- Grebe, Holboell** *Colymbus grisegena holboellii*
Chapman, F. M. (b)
Coues
Job
Nuttall
Pearson (b)
Reed
Ridgway
Wyman
- Grebe, Horned** *Colymbus auritus*
Audubon
Chapman, F. M. (b)
Coues
Job
Nuttall
Pearson (b)
Reed
Ridgway
Wyman
- Grebe, Little**
Nuttall
Reed
- Grebe, Pied-billed** *Podilymbus podiceps*
Allen, G. M.
*Audubon
Chapman, F. M. (b)
Coues
Job
Hornaday (c)
Nuttall
Pearson (b)
Reed
Ridgway
*Torrey (c)
*Wetmore (b)
Wyman
- Grebe, Red-necked** *Colymbus grisegena grisegena*
Audubon
Morris
Nuttall
Ridgway
- Grebe, Santo Domingo, Mexican** *Colymbus dominicus*
Pearson (b)
Ridgway
- Grebe, Western** *Aechmophorus occidentalis*
Coues
Finley, W. L.
Pearson (b)
Reed
Ridgway
Wyman
- Greenshanks** *Totanus glottis*
Fitzsimons
- Griffon or Griffin** *Gyps fulvus*
Fraser, J. B. (d)
See also Lammergeier;
Vulture
- Grosbeak** *Hedymeles, Hesperiphona, etc.*
Allen, A. A. (b)
*Audubon
Bewick
Burroughs
*Figuier ch.7
Friedmann (b)
Henshaw (b e)
Horsfield
Peterson
Reed
Roberts
Saunders
*Townsend, C. W. (b)
Wilson, A.
- Grosbeak, Black-headed** *Hedymeles melanocephalus*
Allen, A. A. (b d)
*Audubon
Baird
Ball
*Chapman, F. M. (b)
Coues
Dawson (a)
Forbush
Henshaw (a b)
Howell (a b)
Kyser
Morris
Nelson, E. W. (d)
Reed
*Ridgway
Scott, W. E. D.
Wyman
- Grosbeak, Blue** *Guiraca caerulea*
Allen, A. A. (b)
*Audubon
Baird
Ball
Bonaparte v.2
Chapman, F. M. (b)
Coues
Henshaw (a b)
*Herrick (a)
*Hornaday (c)
Job
Kyser
Lydekker (b) v.3, 4
Mathews
Nuttall
Porter, G. S.
Reed
*Ridgway
- Grosbeak, Canada** *Hesperiphona vespertina*
Coues
Wilson, A.
- Grosbeak, Cardinal** *Richmondia cardinalis*
Audubon
Ball
Baynes (c)
Coues
Kyser
Porter, G. S.
Torrey (c d e g h)
Wilson, A.
- Grosbeak, Evening** *Hesperiphona vespertina*
Allen, A. A. (b)
Allen, G. M.
Audubon
Ball
Bonaparte v.2
Chapman, F. M. (b)
Coues
Job
Mathews
Nuttall
Reed
Ridgway
Wyman
- Grosbeak, Pine** *Pinicola enuncleator*
Allen, A. A. (b)
Allen, G. M.
*Audubon
Baird
Ball
Baynes (c)
*Chapman, F. M. (b)
Mathews
Morris
Nuttall
Reed
*Ridgway
*Scott, W. E. D.
Townsend, C. W. (b)
Wetmore (m)
*Wilson, A.
- Grosbeak, Rose-breasted** *Hedymeles ludoviciana*
Allen, A. A. (b)
Allen, G. M.
*Audubon
Baird
Bali
Baynes (c)
Bonaparte v.2
*Chapman, F. M. (b c)
Coues
Flagg
Henshaw (a b)
*Herrick (a)
*Hornaday (c)
Job
Kyser
Lydekker (b) v.3, 4
Mathews
Nuttall
Porter, G. S.
Reed
*Ridgway

- *Scott, W. E. D.
 *Torrey (d e g h)
 *Wilson, A.
Grosbeak, Western blue *Guiraca caerulea interfusa*
 Coues
 Kyser
 Reed
 Ridgway
 Wyman
Grouse Tetraonidae
 Allen, A.
 Allen, G. M.
 Audubon
 Baird (b)
 Ball
 Barnard
 Beebe, W. (d)
 Bent (d)
 Bonaparte v.3
 Burroughs
 Chapman, F. M. (b c)
 Coues
 Dawson (a)
 ***Dodge (c)
 Elliot, D. G. (a)
 Figuier ch.5
 Forbush
 Gathorne-Hardy (b)
 Gillmore (b)
 Gordon, S. P.
 Henshaw (a d)
 Hoeffer
 *Huntington, D. W. (c)
 Job
 Lydekker (b) v.3, 4
 Outram
 Palmer, J.
 Peterson
 *Radclyffe
 Reed
 **Ridgway
 *Roberts
 Samuels
 Sandys
 Saunders
 Schwatka (c)
 **Scott, W. E. D.
 *Sheldon (b)
 *Torrey (b d e h)
 Weed (c)
 Wetmore (m)
 White (b)
 Wilcox (b)
 *Wilson, A.
 **Wrangell
 Wyman
Grouse, Blue *Dendragapus obscurus*
 Bent
 Coues
 Elliot, D. G. (b)
 Hornaday (d)
 See also Dusky grouse
Grouse, Canada *Bonasa umbellus togata*
 **Audubon (d)
 Baird
 *Chapman, F. M. (b)
 *Coues
 Elliot, D. G.
 Hardy
 Hornaday (c d)
 Huntington (a c)
 *Lewis and Clark
 Lydekker (b) v.3, 4
 Nuttall
 Reed
 *Ridgway
 *Scott
Grouse, Canadian ruffed *Bonasa umbellus togata*
 Bent
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Hornaday (c d)
 Nuttall
 Reed
 Ridgway
 Scott, W. E. D.
 Torrey (f g)
Grouse, Columbian sharp-tailed *Pedioecetes phasianellus columbianus*
 Bent
 Elliot, D. G.
 Reed
Grouse, Dusky *Dendragapus obscurus*
 Audubon
 Bent
 *Bonaparte v.3
 *Coues
 *Dodge (c)
 Elliot, D. G.
 Henshaw (a d)
 Hornaday (c)
 Lydekker (b) v.3, 4
 Reed
 *Ridgway
 Weed (c)
 Wetmore (j)
 Wyman
Grouse, European *Tetrao*?
 Chapman, A.
 Crawford
Grouse, Franklin *Canachites franklini*
 Bent
 Coues
 Elliot, D. G.
 Hornaday (d)
 Henshaw (a d)
 Lydekker
 Reed
 Ridgway
 Wetmore (j)
Grouse, Gray *Bonasa umbellus umbelloides*
 Bent
 Coues
 Elliot, D. G.
 Hornaday (c d)
 Reed
 Ridgway
Grouse, Oregon *Bonasa umbellus sabini*
 Bent
 Coues
 Elliot, D. G.
 Hornaday (c d)
 Reed
 Ridgway
 *Audubon (d)
 Baird
 *Chapman, F. M. (b)
 *Coues
 Elliot, D. G.
 Hardy
 Hornaday (c d)
 Huntington (a c)
 *Lewis and Clark
 Lydekker (b) v.3, 4
 Nuttall
 Reed
 *Ridgway
 *Scott
Grouse, Canadian ruffed *Bonasa umbellus togata*
 Bent
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Hardy
 Hornaday (c d)
 Huntington (a c)
 *Lewis and Clark
 Lydekker (b) v.3, 4
 Nuttall
 Reed
 *Ridgway
 *Scott
Grouse, Columbian sharp-tailed *Pedioecetes phasianellus columbianus*
 Bent
 Elliot, D. G.
 Reed
Grouse, Dusky *Dendragapus obscurus*
 Audubon
 Bent
 *Bonaparte v.3
 *Coues
 *Dodge (c)
 Elliot, D. G.
 Henshaw (a d)
 Hornaday (c)
 Lydekker (b) v.3, 4
 Reed
 *Ridgway
 Weed (c)
 Wetmore (j)
 Wyman
Grouse, European *Tetrao*?
 Chapman, A.
 Crawford
Grouse, Franklin *Canachites franklini*
 Bent
 Coues
 Elliot, D. G.
 Hornaday (d)
 Henshaw (a d)
 Lydekker
 Reed
 Ridgway
 Wetmore (j)
Grouse, Gray *Bonasa umbellus umbelloides*
 Bent
 Coues
 Elliot, D. G.
 Hornaday (c d)
 Reed
 Ridgway
 Wetmore (j)
Grouse, Oregon *Bonasa umbellus sabini*
 Bent
 Coues
 Elliot, D. G.
 Hornaday (c d)
 Reed
 Ridgway
 *Audubon (d)
 Baird
 *Chapman, F. M. (b)
 *Coues
 Elliot, D. G.
 Hardy
 Hornaday (c d)
 Huntington (a c)
 *Lewis and Clark
 Lydekker (b) v.3, 4
 Nuttall
 Reed
 *Ridgway
 *Scott
Grouse, Pine *Dendragapus obscurus*
 Coues
 Elliot, D. G. (b)
 Hornaday (c d)
 See also Dusky grouse
Grouse, Pinnated *Tympanuchus cupido*
 *Audubon (d)
 Baird
 Coues
 *Dodge (c)
 *Elliot, D. G.
 Figuier ch.5
 Hornaday (c d)
 Job
 Kingston
 Nuttall
 *Rich
 *Wilson, A.
Grouse, Pintail *Pedioecetes*, etc.
 Coues
 Elliot, D. G. (b)
Grouse, Prairie *Pedioecetes phasianellus campestris*
 Chapman, F. M. (b)
 Coues
 Elliot, D. G. (b)
 Scott, W. E. D.
Grouse, Richardson *Dendragapus obscurus richardsoni*
 Baird
 Bent
 Coues
 Elliot, D. G.
 Reed
 Ridgway
Grouse, Ruffed *Bonasa umbellus*
 Allen, A.
 Allen, G. M.
 *Audubon
 Baynes (c)
 Beebe, W. (d)
 Bent
 Burroughs
 Chapman, F. M. (b k)
 **Coues
 Dodge (c)
 Elliot, D. G.
 Farnham, T. J. (b)
 *Figuier ch.5
 Flag
 *Fountain (c)
 Henshaw (a b d)
 Hornaday (c d)
 Huntington, D.C. (c)
 Job
 Kingston
 Lydekker (b) v.3, 4
 Mathews
 Nuttall
 Reed
 Rich
 **Ridgway

Grouse, Ruffed—Continued

- Roy, L. C. (b)
 Sandys ch.21
 **Scott, W. E. D.
 **Selous, F. C. (h)
 Shiras (d)
 Thomas, W. S. (b)
 *Torrey (d)
 **Townsend, C. W. (c)
 Weed (c)
 Wetmore (j)
 **Wilson, A.

Grouse, Sabine *Bonasa umbellus sabini*

Elliot, D. G.

Grouse, Sage *Centrocercus urophasianus*

- Elliot, D. G.
 Hornaday (c d)
 Huntington, D. W. (c)
 Lydekker (b) v.3, 4
 Reed
 Ridgway
 Scott

Grouse, Sand *Pterocles*

- Adams, H. C. (f)
 Baker, S. W. (a)
 Beebe, W. (d)
 Morris
 Rice, W.

Grouse, Sharp-tailed *Pedioecetes phasianellus*

- *Audubon (d)
 Baird
 Bent
 *Bonaparte v.3
 Chapman, F. M. (b c)
 Coues
 Dodge
 Elliot, D. G.
 Fuertes (a)
 Henshaw (a d)
 Hornaday (c d)
 Huntington, D. W. (c)
 Lydekker (b) v.3, 4
 Nuttall
 Reed
 *Ridgway
 *Scott, W. E. D.
 Wetmore (j)

Grouse, Sooty *Dendragapus fuliginosus fuliginosus*

- Bent
 Coues
 Elliot, D. G.
 Reed
 Ridgway
 Wetmore (j)

Grouse, Spike-tail

- Coues
 Elliot, D. G.

Grouse, Spotted *Canachites canadensis*

- Audubon
 Baird
 Coues
 Nuttall

Grouse, Spruce *Canachites canadensis*

- Bent
 Coues

- Elliot, D. G.
 Grenfell (d)
 Henshaw (a d)
 Reed
 Rich

Grouse, Tyrol
*Baillie-Grohman***Grouse, White** *Pedioecetes columbianus*

- Coues
 Nuttall

Grouse, Willow *Lagopus lagopus*

- Baird
 Coues
 Elliot, D. G.
 Grenfell (d)
 Guillemard
 Lydekker (b) v.3, 4
 Millais (d)
 Oxholm
 Rich
 Selous, F. C. (h)

Guanay *Phalacrocorax bougainvillei*

- Bourne
 Elliot, G. F. S. (b)
 Murphy, R. C. (a b g)
 Townsend, C. W. (d)
 Wetmore (m)

Guillemot *Cepphus*, etc.

- Allen, G. M.
 *Audubon (d)
 Bent (e)
 *Chapman, A. (b)
 Chapman, F. M. (b c)

- **Coues
 DeVeer
 Figuier ch.1
 Fountain (c)
 Hansen, L.
 Hardy
 Hersey
 Horsfield
 Lydekker (b) v.3, 4
 Mecking
 Morris
 *Nansen (e)
 *Nuttall
 Peterson
 Pitt
 Reed
 Samuels
 *Townsend, C. W. (b c)
 Weed (c)
 *Wetmore (e)
 Wood, W.

Guillemot, Black *Cepphus grylle grylle*

- Allen, G. M.
 *Audubon
 Chapman, F. M. (b)
 Coues
 Forbes
 Morris
 Nuttall
 Ridgway
 *Wetmore (e)

Guillemot, Black-winged
Cepphus grylle grylle

- Audubon
 Guillemard
 Nuttall

Guillemot, Common *Uria lomvia*

- Coues
 Nuttall

Guillemot, Foolish *Uria lomvia*

- Audubon
 Coues
 Nuttall

Guillemot, Mandt's *Cepphus grylle mandt*

- Chapman, F. M. (b)
 Coues
 Guillemard
 Nuttall
 Reed

Guillemot, Slender-billed

- Audubon

Guillemot, Sooty, Black

- Audubon
 Coues
 Ridgway

Guillemot, Thick-billed *Uria lomvia*

- Audubon
 Coues
 Nuttall

Guinea-fowl *Numididae*

- Baker, S. W. (a)
 Baum
 Beebe, W. (d)
 Dubois
 Friedmann (a)
 Galton
 Gouldsbury (a)
 Hoefler
 Jardine
 Lydekker (b) v.3, 4
 Maugham (c)

****Savile******Selous, F. C. (b g)*****Stanley**

- Sykes, C. A

***Ward, H.**

- White (b)

Gull *Laridae*

- Allen, A. A. (a—d)

***Audubon**

- Ault
 Barrett, C.
 Bartsch
 Baynes (e)
 Beebe, W. (c d)
 Bent (e)

***Chapman, F. M. (c)**

- Cleaver
 Dawson (a)
 Figuier ch.2
 Finley, W. L.
 Flagg
 Forbes
 Forbush

***Fountain (b)**

- Hansen, L.
 Hardy
 Henshaw (a b e)

- *Herrick (a c)
Horsfield
Howell (a)
Job
Kirkman
Koelz
LaGorce (c)
Langford
Lockley
Lydekker (b) v.3, 4
Macmillan (c)
Mecking
Morris
Muir
Murphy, R. C. (e f g h)
Oberholser
Pearson (c)
*Peterson
Pettingill
Pitt
Reed
*Roberts
Schwatka (e)
*Shiras (b c f)
Simmons
Simpich (c g)
Slevin
Smith, H. M. (c)
**Torrey (b c f)
**Townsend, C. W. (b)
Weed (c)
*Wellby
Wetmore (m)
*Wrangell p.62
- Gull, Black-headed *Larus ridibundus***
Langford
- Gull, Franklin's *Larus franklini***
Allen, A. A. (d)
Bent (e)
Henshaw (b)
- Gull, Herring *Larus argentatus***
Bent (e)
Fast, B.
Henshaw (c)
Kirkman
Langford
Mann, W. M. (d)
- Gull, Laughing *Larus atricilla***
Audubon
Beebe, W. (d)
Bent (e)
Cleaves
Kirkman
- Gull, Silver *Larus novaehollandiae***
Mann, W. M. (d)
- Gull, Skua**
Ault, J. P.
Bent (e)
Byrd (d)
Forbush
Murphy, R. C. (g h)
Shackleton
- Gyrfalcon *Falco rusticolus***
Beebe, W. (d)
Blackwood
Figuier ch.8
Goodwin (c)
- MacMillan (c e)
Peterson
Reed
Roberts
Scott, W. E. D.
Townsend, C. W. (b)
Wetmore (i)
- Hanging bird *Icterus galbula***
Bailey, W. L.
See also Baltimore oriole
- Hawk *Falco*, etc.**
Allen, G. M.
- ***Audubon (a)
Baird (b)
Baynes (c)
Beebe, W. (c)
Bible
*Bonaparte v.2
Chadwick, F.
*Chapman, F. M. (c)
Cooke, W. W.
*Coues
Craighead
Dawson (a b)
**Dodge (c)
Fitzsimons (a)
Forbush
Friedmann (b)
Fuertes (a b)
Goodwin (c)
Green
*Hardy
Heilprin, A.
Henshaw
*Herrick (a d)
Hersey
Hoefler
Holland
Hornaday (d)
Howell (a b)
Huntington, D. W. (c)
Job
Linsdale (a b)
Lydekker (b) v.3, 4
May
Mecking
Mjoberg p.56
Murphy, R. C. (a d)
Nuttall (a)
*Peterson
*Porter, G. S.
Reed
*Ridgway
*Roberts
Samuels
Saunders
Scott
Selous, F. C.
*Shiras
Simpich (b g)
Torrey (b d e)
*Townsend, C. W. (b)
Washburn
Weed (c)
Wetmore (i n)
***Wilson, A.
Wyman
- Hawk, Black *Buteo lagopus* s. johannis**
Audubon
Baird
Blackwood
Coues
Henshaw
Nuttall
Roberts
Wetmore (i n)
Wilson, A.
See also Rough-legged hawk
- Hawk, Blue *Circus hudsonius***
Bonaparte v.2
Coues
Henshaw
Morris
Nuttall
Roberts
- Hawk, Blue hen *Astur atricapillus***
Coues
Nuttall
Wilson, A.
- Hawk, Broad-winged *Buteo platypterus***
Baird
Craighead
Fuertes (a b)
Nuttall
Reed
Ridgway
Scott, W. E. D.
Wetmore (i)
Wilson, A.
- Hawk, Chicken**
Fuertes (b)
- Hawk, Cooper's *Accipiter cooperii***
**Audubon
Baird
Baynes (e)
Bonaparte v.2
**Chapman, F. M. (b)
**Coues
Craighead
Fuertes (b)
Henshaw (a b)
Hornaday (c d)
Job
Lydekker
Nuttall
Reed
*Ridgway
*Roberts
Scott, W. E. D.
Wetmore (i)
Wyman
- Hawk, Cuban sparrow *Falco sparverius sparveroides***
Chapman, F. M. (b)
Coues
Nuttall
Reed
Ridgway
Roberts
Torrey (d)
Scott, W. E. D.

Hawk, Duck *Falco peregrinus* *anatum*

Allen, G. M.
Baird
Baynes (e)
Beebe, W. (d)
Chapman, F. M. (b c)
Coues
Craighead
Fuertes (a b)
Hornaday (c d)
Lydekker (b) v.3, 4
Morris
Nuttall
Reed
*Ridgway
*Roberts
*Scott
*Wetmore (a i)
Wyman

See also Peregrine

Hawk, Ferruginous Rough-legged *Buteo regalis*

Fuertes (a b)
Wetmore (i)

Hawk, Fish *Pandion haliaetus*

Audubon
Baird (b)
Beebe, W. (c)
Burroughs
Chadwick (a)
Chapman, F. M. (b c)
Coues
Fuertes (a b)
Heilprin (a)
Henshaw
Hornaday (c)
Job
Knight, C. W. R.
Nuttall
Roberts
Shiras (e)
Torrey (c)
Wilson, A.

See also Osprey

Hawk, Florida red shouldered *Buteo lineatus alleni*

Baird
Burroughs
Chapman, F. M. (b)
Nuttall
Scott

Hawk, Great-footed *Falco*, etc.

Audubon
Coues
Nuttall

Hawk, Harlan's *Buteo harlani*

Chapman, F. M. (b)
Nuttall
Reed
Ridgway
Scott, W. E. D.

Hawk, Harris' *Parabuteo unicinctus harrisi*

Nuttall
Reed
Ridgway
Wetmore (i)
Wyman

Hawk, Marsh *Circus hudsonius*

**Audubon
Baynes (e)
Chapman, F. M. (b)
Coues
Fuertes (b)
Henshaw (a e)
Hornaday
Job
Lydekker
Morris
Nuttall
Reed
*Ridgway
Roy, L. C. (a)
Scott, W. E. D.
Torrey (c f)
Wetmore (b i)
Wilson, A.
Wyman

Hawk, Night

Howell (a)

Hawk, Pigeon *Falco columbarius*

Allen, G. M.
**Audubon
Baird
**Burroughs
Chapman, F. M. (b)
Coues
Craighead
Fuertes (a b)
Hornaday (c)
Job
Lydekker (b) v.3, 4
Nuttall
Reed
Ridgway
Scott, W. E. D.
Wetmore (i)
**Wilson, A.
Wyman

Hawk, Red-shouldered *Buteo lineatus*

Allen, G. M.
Baird
Baynes (e)
**Chapman, F. M. (b)
Craighead
Fuertes (a b)
Hornaday (c)
Job
Nuttall
Porter, G. S.
Reed
*Ridgway
*Scott, W. E. D.
Torrey (c)
Wetmore (i)
Wilson, A.

Hawk, Red-tailed *Buteo jamaicensis*

*Allen, G. M.
Baird
Baynes (e)
*Chapman, F. M. (b)
Craighead
Finley, W. L.
Fuertes (a)

Harper
Henshaw (a b)
Hornaday (c)
Job
Nuttall
Reed
*Ridgway
*Scott, W. E. D.
Torrey (e f)
Wetmore (i)
Wilson, A.
Wyman

Hawk, Rough-legged *Buteo lagopus*

Allen, G. M.
Baird
Chapman, F. M. (b)
Fuertes (a b)
Nuttall
Reed
*Scott, W. E. D.
*Townsend, C. W. (b)
Wetmore (i)
Wyman

See also Hawk, Black

Hawk, Sea

Adams, M. P.

Hawk, Sharp-shinned *Accipiter velox*

Allen, G. M.
*Audubon
Baird
Baynes (e)
*Burroughs
Chapman, F. M. (b)
*Coues
Craighead
Fuertes (a b)
Hornaday (c)
Job
Lydekker (b) v.3, 4
Nuttall
Reed
*Scott, W. E. D.
Torrey (e)
*Ridgway
Wetmore (i)
Wyman

Hawk, Short-tailed *Buteo brachyurus*

Chapman, F. M. (b)
Nuttall
Reed
Ridgway
Scott, W. F. D.

Hawk, Snail *Rostrhamus sociabilis*

Chapman, F. M. (b)
Coues
Nuttall

Hawk, Sparrow *Falco sparverius*

Allen, G. M.
*Audubon
Baynes (e)
Bewick
*Chapman, F. M. (b)
*Coues
Craighead
Fuertes (a)
Henshaw (a b)

- Hornaday (c)
 Horsfield
 Job
 Limbert
 Lydekker (b) v.3, 4
 Morris
 Nelson, E. W. (d)
 Nuttall
 Reed
 *Ridgway
 Schantz
 *Scott
 Torrey (c d e)
 *Wetmore (b i)
 *Wilson, A.
 Wyman
- Hawk, Swainson's** *Buteo swainsonii*
 Baird
 Chapman, F. M. (b)
 Fuertes (a)
 Henshaw (c)
 Nuttall
 Reed
 Ridgway
 Scott, W. E. D.
 Wetmore (i)
 Wyman
- Hawk, White-tailed** *Buteo albicaudatus*
 Bonaparte v.2
 Reed
 Ridgway
- Hawk, Winter** *Buteo lineatus*
 Coues
 Nuttall
- Heathcock, Heathhen** *Tympanuchus cupido*
 Allen, A. A. (d)
 Henshaw (a d)
 Ossendowski
 Reed
 Rich
 Scott, W. E. D.
- Hell-diver** *Podilymbus*, etc.
 Dawson (a)
- Heron** *Ardea*, etc.
 Allen, A. A. (a—d)
 Allen, G. M.
 **Audubon (d)
 Barrett, C.
 Bartsch
 Bates
 Baynes (e)
 **Beebe, W. (c d)
 Bible
 *Bock (c)
 Bonaparte v.4
 Burg, A. (b)
 *Burroughs
 Calvert
 Chapin, J. P. (c d)
 Chapman, A. (b c)
 Chapman, F. M. (b c)
 Clark, C. U.
 ***Cory (e)
 Cott
 **Coues
 Crawford
 Dawson (a b)
- Dickey
 Figuier ch.4
 Fitzsimons
 Flagg
 Fleming
 Forbush
 Fountain (b)
 *Fraser, J. B. (c)
 Friedmann (a)
 **Gadow
 Gouldsbury (a)
 Guenther
 **Hardy
 Harper
 *Henshaw
 Hoefler
 Horsfield
 Howell (a b)
 Huntington, D. W. (c)
 Job
 Kingston
 Lydekker (b) v.3, 4
 Marston, J.
 *Maugham (c)
 Meakin (b)
 Morris
 Murphy (g)
 Nelson, W. A.
 Nuttall
 Oswald
 Parkhurst
 Pearson (d)
 *Peterson
 Reed
 Reid
 Ridgway
 *Roberts
 Rock (b)
 Samuels
 Saunders
 *Scott, G. C.
 *Shiras (b c d h)
 Thomas, W. S. (b)
 Torrey (b c e)
 *Townsend, C. W. (d e)
 Weed (c)
 Wells, J. W.
 *Wetmore (b m n)
 Wilkins, G. H.
 *Wilson, A.
 Wyman
- Heron, Aigrette** *Gargetta gargetta*
 Mjoberg p 56
- Heron, Black-crowned night** *Nycticorax nycticorax*
 Allen, G. M.
 Audubon
 Chapman, F. M. (b)
 Coues
 Henshaw (a e)
 Job
 Mann, W. M. (d)
 Nuttall
 Pearson (d)
 Reed
 Roberts
 Wetmore (a)
 Wilson, A.
 Wyman
- Heron, Blue** *Ardea herodias*
 Allen, G. M.
 *Audubon
 Chapin, J. P. (d)
 Flagg
 Fountain (d)
 Hornaday (c)
 Lydekker (b) v.3, 4
 Nuttall
 Pearson (d)
 Porter, G. S.
 *Ridgway
 Roberts
 Shiras (d)
 *Wilson, A.
 See also Crane
- Heron, Brown** *Ardea brunescens*
 Ridgway
- Heron, California** *Ardea herodias hyperonca*
 Wyman
- Heron, Florida** *Ardea herodias wardi*
 Nuttall
- Heron, Great blue** *Ardea herodias*
 *Audubon
 Beebe, W. (d)
 Chapman, F. M. (b c)
 Coues
 Finley, W. L.
 Henshaw (a e)
 Nelson, E. W. (d)
 Nuttall
 Oberholser
 Pearson (d)
 Reed
 Ridgway
 Shiras (c)
 Slevin
 *Torrey (c e f)
 Vosburgh
- Heron, Great white** *Ardea occidentalis*
 Audubon
 Baynes
 Chapman, F. M. (b c)
 Coues
 Fisher, A. H.
 Morris
 Nuttall
 Reed
 Shiras (j)
 *Torrey (c)
 *Wilson, A.
- Heron, Green** *Butorides virescens*
 *Audubon
 Beebe, W. (d)
 Chapin, J. P. (d)
 *Chapman, F. M. (b)
 Cleaves
 Coues
 Job
 Nuttall
 Pearson (d)
 Reed
 Roberts
 Ridgway

- Heron, Green—Continued**
 Shiras (c)
 *Torrey (c f)
 Von Hagen (c)
- Heron, Little blue Florida**
caerulea caerulea
 Chapman, F. M. (b)
 Coues
 Nuttall
 Pearson (d)
 Reed
 Torrey (c)
- Heron, Louisiana** *Hydranassa tricolor ruficollis*
 Audubon
 Chapman, F. M. (b c)
 Nuttall
 Pearson (d)
 Reed
 Ridgway
 Shiras (c)
 Torrey (c e)
- Heron, Night**
 Beebe, W. (d)
 Torrey (c)
- Heron, Small white Florida**
caerulea
 Coues
 Nuttall
- Heron, Snowy** *Egretta thula thula*
 Audubon
 Chapman, F. M. (b)
 Coues
 Hornaday
 Nuttall
 Reed
 Ridgway
 Wilson, A.
- Heron, Ward's** *Ardea herodias wardi*
 Allen, G. M.
 Bartsch
 Chapman, F. M. (b)
 Coues
 Maslowski
 Nuttall
 Reed
 Ridgway
 Shiras (c)
- Heron, White** *Ardea occidentalis*
 Coues
 Fisher, A. H.
 Heilprin (e)
 Kirjassoff
 Lydekker (b) v.3, 4
 Williams, L.
 Wilson, A.
- Heron, Wurdeman's Hybrid**
 bet. *Ardea herodias wardi* and *Ardea occidentalis*
 Chapman, F. M. (b)
 Coues
 Nuttall
 Ridgway
- Heron, Yellow-crowned night**
Nyctanassa violacea
 Audubon
 Chapman, F. M. (b c)
 Coues
 Job
 Nuttall
 Pearson (d)
 Reed
- Hoatzin** *Opisthocomus hoazin*
 Holt, E. G. (b) p.642-3
- Honey-bird, Honey-eater, Honey-guide or Indicator** *Indicatoridae*
 Baynes (e)
 Chanler
 Churchill
 Figuier ch 7
 Fitzsimons
 Gregory, H. E.
 Heilprin (a)
 Wetmore (m)
- Hornbill** *Bucerotidae*
 Beebe, W. (b)
 Bock (a c)
 Figuier ch.7
 Fitzsimons (a)
 Guillemard
 Lydekker (b) v.3, 4
 McBride, R. Q.
 Mann, W. M. (b)
 Mjoberg ch.8, 9
 Nejaime
 Simmons
 Wetmore (m)
 Worcester (a)
 See also Toucan
- Huia bird** *Heteroloncha*
 Beebe, W. (d)
 Lydekker
- Humming bird** *Trochilidae*
 Allen, A. A. (a—e)
 Anthony, H. E. (c)
 Atkinson, A. A.
 Audubon
 Ball
 Baynes (e)
 Beebe, W. (c d)
 Bodine, M. L.
 *Burroughs
 Chapman, F. M. (c)
 Dawson (b)
 Figuier ch.7
 Finley, W. L.
 Flagg
 Fletcher ch.24
 Forbush
 Henshaw (a e)
 Herrick (c)
 Howell (a)
 Johnston, H. H. (l)
 Lydekker (b) v.3, 4
 Mathews
 Muir
 Nelson, E. W. (d)
 Oberholser
 **Porter, G. S.
 Reed
 Roberts
 Saunders
 Schmitt, W. L.
- Sharp p.164
 Torrey (a—h)
 Weed (c)
 Wetmore (l m)
 **Wilson, A.
 Wyman
- Humming-bird, Ruby-throated**
Archilochus colubris
 Henshaw (e)
- Humming-bird, Rufous** *Selasphorus rufus*
 Henshaw (e)
 Tweedsmuir
- Ibis** *Guara*, etc.
 *Audubon (d)
 Baynes (e)
 Beebe, W. (d)
 Bonaparte v.4
 Chapman, F. M. (b c)
 Cory (e)
 *Coues
 Figuier ch.4
 Fitzsimons (a)
 Friedmann (a)
 Gregory, H. E.
 Heilprin (e)
 Holland
 Hornaday (c)
 Howell (a b)
 Lydekker (b) v.3, 4
 Morris
 Murphy (g)
 Nuttall
 *Peterson
 Reed
 *Ridgway
 *Shiras (b)
 Stanley
 Weed
 Wetmore (b m)
 Wyman
- Ibis, Glossy** *Plegadis falcinellus*
 Allen, A. A. (d)
 Audubon
 *Chapman, F. M. (b)
 Coues
 Finley, W. L.
 Fisher, A. H.
 Hornaday (c)
 Morris
 Nuttall
 Pearson (d)
 Reed
 *Ridgway
 Wyman
- Ibis, Scarlet** *Guara rubra*
 Audubon
 *Chapman, F. M. (b c)
 Cott
 Coues
 Hornaday (c)
 Mann, W. M. (d)
 Nuttall
 Pearson (d)
 Reed
 *Ridgway

- Ibis, Wagler's Egyptian Ibis** *Cyanocitta, Perisoreus, comata; Geronticus eremita*
Ley, W.
- Ibis, White** *Guara alba*
Audubon
*Chapman, F. M. (b c)
Coues
Hornaday (c)
Mann, W. M. (d)
Nuttall
Pearson (d)
Reed
*Ridgway
Shiras (c)
Wyman
- Ibis, Wood** *Mycteria americana*
Allen, A. A. (d)
Audubon
Beebe, W. (d)
Chapman, F. M. (b)
*Coues
*Hornaday (c)
Nuttall
Pearson (d)
Reed
Ridgway
Wyman
- Indigo-bird** *Passerina cyanea*
Ball
Burroughs
Flagg
Job
Mathews
Roberts
*Torrey (a d f g h)
Wilson, A.
See also Bunting
- Jabiru** *Jabiru mycteria*
Adams, H. C. (c)
Cott
Fisher, A. H.
Gregory, H. E.
Howell (a)
Murphy (g)
See also Stork
- Jacamars** *Galbulae*
Lydekker
- Jacana, Mexican** *Jacana spinosa gymnotoma*
Allen, A. A. (e)
- Jack daws** *Coloeus monedula*
Howell (a)
Lydekker
- Jackass, Laughing or Kookoo-**
Burra *Dacelo gigas*
Gregory, H. E.
- Jacksnipe** *Capella*
Howell (a)
Wetmore (m)
- Jaeger** *Stercorarius*
Audubon
Bent (e)
MacMillan (e)
Pettingill
Townsend, C. W. (e)
Twomey
- Jay** *Cyanocitta, Perisoreus, Garrulax, etc.*
Atkinson, A. A.
**Audubon (a—f)
Ball
Baynes (e)
Bewick
Bonaparte v.2
**Burroughs
Chapman, F. M. (c k)
Dawson (a b)
Figuier ch.7
Flagg
Forbush
**Green
Hanna, G. D.
Henshaw (a b e)
*Herrick (c)
Howell (a)
Job
Linsdale (a)
Lydekker (b) v.3, 4
Mathews
Nelson, E. W. (c)
Pearson (e)
Peterson
Porter, G. S.
Reed
Roberts
Saunders
**Scott, W. E. D.
Shiras, (b e)
**Torrey (a b c d e f h)
Townsend, C. W. (b)
Trafton
Weed (c)
Wetmore (m)
Wilson, A.
Wyman
- Jay, Canada, or Moosebird** *Perisoreus canadensis*
Ball
Bentley, R. ch.14
Burroughs
Cockerell
Herrick (a)
Pearson (e)
Peterson
Roberts
Shiras (c f)
Wilson, A.
- Jay, California** *Aphelocoma californica*
Ball
Henshaw (b)
- Junco** *Junco*
Ball
Baynes (e)
Dawson (a b)
Forbush
**Green
Henshaw (a e)
Howell (a)
Job
Kennard
Linsdale (a b)
Mathews
Pearson (f)
Reed
Roberts
Roy, L. C. (a)
- *Scott, W. E. D.
*Torrey (b e)
Townsend, C. W. (b)
Trafton
Weed
Willett
Wyman
- Jungle fowl** *Gallus bankiva*
Beebe, W. (b)
*Bock (c)
Guillemard (b)
Lumholtz
Lydekker (b) v.3, 4
Mann, W. M. (d)
- Kangaroo bird**
Harrison, B.
- Kea or Mountain parrot**
Nestor
Moore, W. R. (c)
Porter, S.
- Kestrel** *Falco*
Bewick
Bible
Forbush
Langford
Simmons
- Kildee** *Oxyechus vociferus*
Forbush
- Killdeer** *Oxyechus vociferus*
Allen, A. A. (a—e)
Cleaves
Finley, W. L.
Forbush
Green
Henshaw (a b d)
Job
Oberholser
Peterson
Porter, G. S.
Reed
Roberts
Torrey (b c g)
See also Plover
- Kingbird** *Tyrannus tyrannus*
Ball
Baynes (e)
Beebe, W. (c d)
**Burroughs
Flagg
Forbush
Henshaw (a b)
**Herrick (a c)
Howell (a)
Job
Lydekker (b) v.3, 4
Mathews
Peterson
Porter, G. S.
Reed
Roberts
Saunders
**Scott, W. E. D.
Shiras (b)
Torrey (a c d f g h)
Trafton
Washburn
Weed
Wetmore (g)
Williams, H. S.
Wyman

- Kingbird, Arkansas** *Tyrannus verticalis*
Henshaw (b)
Wetmore (g)
- Kingbird, Cassin's** *Tyrannus vociferans*
Wetmore (g)
- Kingbird, Couch's** *Tyrannus melancholicus couchi*
Wetmore (g)
- Kingbird, Eastern** *Tyrannus tyrannus*
Wetmore (g)
- King Eider** *Somateria spectabilis*
Hardy
Lydekker
See also Ducks
- Kingfisher** *Alcedinidae*
Allen, A. A. (a)
Audubon
Baird (b)
Ball
Barrett, C.
Beebe, W. (c d)
Bock (c)
Chapman, F. M. (k)
Cooke, W. W.
Denton
Figuier ch.7
Fitzsimons (a)
Flagg
Forbush
- **Green**
Henshaw (a e)
Herrick (a c)
Howell (a)
Langford
Linsdale (a b)
Lydekker (b) v.3, 4
Mathews
Murphy, R. C. (d)
Porter, G. S.
Reed
Roberts
Saunders
**Scott, W. E. D.
**Torrey (a b c e f g)
Wetmore (g)
Wilson, A.
Wyman
- Kingfisher, Belted** *Megaceryle alcyon*
Wetmore (g)
- Kingfisher, Darwin's**
Simmons
- Kingfisher, Texas** *Chloroceryle americana septentrionalis*
Wetmore (g)
- Kinghunter**
Jameson
- Kinglet** *Regulus*
Audubon
Ball
Baynes (e)
Beebe, W. (d)
Burroughs
Dawson (a)
Forbush
- **Green**
- Henshaw (a b)
Howell (a)
Job
Mathews
Nelson, E. W. (d)
Reed
Roberts
Saunders
**Scott, W. E. D.
**Torrey (a b c e f h)
Townsend, C. W. (b d)
Trafton
Weed (c)
Wetmore (h n)
Wyman
- Kite** *Milvus*
*Audubon
Bible
Dawson (a)
Figuier ch.8
Fitzsimons (a)
Forbush
Fuertes (a)
Howell (a b)
Linsdale (a)
Lydekker (b) v.3, 4
Mann, W. M. (b)
Peterson
Roberts
*Scott, W. E. D.
*Torrey (c)
Van Dyke p.193
Weed
Wetmore (i)
*Wilson, A.
Wyman
- Kite, Everglade** *Rostrhamus sociabilis plumbeus*
Wetmore (i)
- Kite, Mississippi** *Ictinia mississippiensis*
Wetmore (i)
- Kite, Swallow tailed** *Elanoides forficatus forficatus*
Wetmore (i)
- Kite, White-tailed** *Elanus leucurus majusculus*
- Kittiwake** *Rissa*
Bent (e)
Carstensen
Dawson (a)
Forbush
Gilliard
Howell (a)
Lydekker (b) v.3, 4
Payer
Pitt
Reed
Weed (c)
See also Gull; Tickaces
- Kiwi** *Apteryx*
Moore, W. R. (c)
- Knot** *Calidris canutus*
Henshaw (d)
- Knot, American** *Calidris canutus rufus*
Allen, A. A. (e)
- Korhaan** *Otis*
Gouldsbury (a)
- Lammergeier** *Gypaetus barbatus*
Allen, G. M.
Friedmann
*Gouldsbury
*Herrick (a)
Hoefer
Holland
LaGorce (c)
Lumholtz
Lydekker (b) v.3, 4
*Maugham (c)
- Lapwing** *Vanellus*
Bible
Figuier ch.4
Fitzsimons (a)
Forbush
Kirkman
Lydekker (b) v.3, 4
Reed
- Lark** *Alaudidae*
**Audubon (a—f)
Ball
Baynes (e)
Beebe, W. (d)
Burroughs
Dawson (a b)
Figuier ch.7
Forbush
Friedmann (b)
**Green
Henshaw (a b)
Horsfield
Howell (a)
Kearney (a)
Linsdale (b)
Lydekker (b) v.3, 4
Mathews
Peterson
Porter, G. S.
Reed
Roberts
Scott, W. E. D.
Sharp ch.2
*Shiras (b)
Torrey (a c e f)
*Townsend, C. W. (b)
Trafton
Van Dyke p.193
Wetmore (n) p.116
Willett
**Wilson, A.
Wyman
- Lark, Desert**
Kearney (a)
Simmons
- Lark, Horned** *Otocoris alpestris*
Ball
Henshaw (b)
Pearson (a)
Pettingill
Wetmore (m)
- Lark-bunting** *Calamospiza bicolor*
See Bunting
- Limpkins** *Aramidae*
Allen, A. A. (d e)
Bailey, A. M.
Howard (a)
See also Courlan

Linnet *Serinus*

Atkinson, A. A.
Audubon
Ball
Bewick
*Chapman, F. M. (c)
Dawson (a)
Figuier ch.7
Forbush
Kearney
Lydekker (b) v.3, 4
Mathews
*Porter, G. S.
*Roberts
*Torrey (a b)
Townsend, C. W. (b)
Wetmore (o)
Wyman

Longspur *Rhynchophanes* and *Calcarius*

Bent (e)
Bonaparte v.2
Job
Pearson (f)
Scott, W. E. D.
Townsend, C. W. (b)
Twomey

Loon *Gavia*

Beebe, W. (d)
Bent (e)
Chapman, F. M. (b)
Cory (e)
Dawson (a)
East, B.
Forbes
Forbush
Fountain (c)
Griggs, R. F. (a)
Hersey
Howell (a)
Jackson, F. G.
Job

**Lewis and Clark

**Nordenskiöld

Pearson (b)
Peterson
Porter, G. S.
Reed

**Ridgway

Roberts
Samuels

*Sheldon (b)

Stewart, E.
Thomas, W. S. (b)

***Townsend, C. W. (b c e)

*Turi p.144

Weed
Wetmore (m)
Wilcox (b)
Wood, W.
Wyman

Loon, Pacific *Gavia arctica*

pacifica
Coues
Pearson (b)
Reed
Wyman

Loon, Red-throated *Gavia*

stellata
Chapman, F. M. (b)
Coues
Morris
Reed
Wyman

Lyre-bird *Menura*

Beebe, W. (d)
Gregory, H. E.
Lydekker
Moore, W. R. (b)
Wetmore (m)

Macaw, Arara *Ara*

Figuier ch.6
Gill, Mrs.
Schurz
Smith, H. H.
Wetmore (m)

Magpie *Pica*

**Audubon
Bewick
Chapman, F. M. (c)
Figuier ch.7
Gregory, H. E.
Henshaw (a e)
Lydekker (b) v.3, 4
Pearson (e)
Peterson
Reed
Roberts
Scott, W. E. D.
Torrey (b e)
Weed (c)
*Wilson, A.
Wyman

Malagash *Morus capensis*

Fitzsimons

Mallard duck

See Duck, Mallard

Mallard, Black *Anas rubripes*

Coues
Elliot
Rich

See also Duck

Mallard, Dusky *Anas fulvigula*

Elliot, D. G.

Mallard, Gray *Anas platyrhynchos*

Coues
Elliot, D. G.

Mallard, Prairie *Anas*, etc

Phillips

Mannakin *Pipridae*

Wilson, A.

Man-o'-war bird *Fregata*

Allen, G. M.
**Audubon
Bartsch
Baynes (e)
Bent (b)

**Chapman, F. M. (b c i)

Dawson (b)
Gardner, I. C.
Holland
Howell (a)
Murphy, R. C. (a d f g)
Peterson

Pidgeon

Reed

*Ridgway

Shiras (b e i)

Simmons

Slevin

Weed (c)

Wyman

See also Frigate bird

Marabou *Leptoptilus*

Allen, G. M.
Baker, S. W. (a)
Bell, W. D. M.
Cron

Dubois

*Gouldsbury (a)

Haardt (c)

*Savile

*Schillings

Sykes, C. A.

Wells, C. (b)

Marlin *Falco*

Forbush

Martin *Progne*

**Audubon

Ball

Baynes (e)

Burroughs

Chapman, F. M. (c)

Forbush

Henshaw (a b)

*Herrick (c)

Horsfield

Howell (a b)

Job

Lydekker (b) v.3, 4

*Porter, G. S.

Reed

**Scott, W. E. D.

**Torrey (c d e)

Trafton

*Wilson, A.

Martin, Purple *Progne subis*

Pearson (a)

Meadowlark *Sturnella*

Allen, A. A. (c d)

Ball

Baynes (e)

Beebe, W. (d)

Burroughs

Chapman, F. M. (c)

Flagg

Henshaw (b)

Howell (a)

Job

Linsdale (a)

Pearson (c)

Peterson

Reed

Roberts

Scott, W. E. D.

Torrey (b)

Washburn

Wyman

See also Lark

Merganser *Mergus*, etc.

Allen, G. M.

Audubon (d)

Beebe, W. (d)

Bent (c e)

Merganser—Continued

Burroughs
 Chapman, A. (b)
 Chapman, F. M. (b)
 Cory (e)
 Coues
 Dawson (a)
 Forbush
 Hardy
 Henshaw
 Howell (a b)
 Lydekker (b) v.3, 4
 Morris
 Nelson, W. A.
 Peterson
 Rich
 Roberts
 Selous, F. C. (h)
 Selous, E.
 Sheldon (b)
 Thomas, W. S. (b)
 Townsend, C. W. (e)
 Weed (c)
 Wetmore (m)
 Wyman

Merganser, American *Mergus americanus*

Allen, G. M.
 Bent (c)
 Brooks, A. (a)
 *Chapman, F. M. (b)
 *Coues
 *Elliot, D. G.
 Henshaw (a b)
 Huntington
 Job
 Reed

Merganser, Buff-breast *Mergus americanus*

Audubon
 Coues
 Elliot, D. G.

Merganser, Hooded *Lophodytes cucullatus*

Allen, G. M.
 Audubon
 Bent
 Brooks, A. (a d)
 *Chapman, F. M. (b)
 *Elliot, D. G.
 Henshaw (a b)
 Hornaday
 Huntington
 Job
 Morris
 Phillips
 Reed
 Wyman

Merganser, Red-breasted *Mergus serrator*

Audubon
 Bent
 Brooks, A. (a)
 **Chapman, F. M. (b)
 Coues
 **Elliot, D. G.
 Henshaw (a b)
 Hornaday (c)
 Huntington
 Job

Morris
 Phillips
 Reed
 Wyman

Merganser, Serrated *Mergus serrator*

Coues
 Elliot, D. G.

Merganser, White *Mergus albellus*

Audubon
 Coues

Merlin *Falco*

Bewick
 Dawson (b)
 Goodwin (c)
 Reed
 Roberts
 Saunders

Moa, Great *Dinornis*

Hanna, G. D.
 Wetmore (m)

Mocking-bird *Mimus polyglottos*

Allen, A. A. (d)
 Atkinson, A. A.

****Audubon**

Ball

Beebe, W. (c)

****Burroughs**

Chapin, J. P. (d)
 Dawson (a)
 Finley, W. L.
 Flagg
 Forbush

****Green**

Henshaw (b)

****Herrick (c)**

Howell (a)
 Job
 Lydekker (b) v.3, 4
 Mathews

Nelson, E. W. (c)

Oberholser

Pearson (a c)

Porter, G. S.

Reed

Roberts

Saunders

Scott, W. E. D.

Slevin

****Torrey (a b c d h)**

Trafton

Weed

****Wilson, A.**

Wyman

Molly-Mauw

Ault, J. P.

See also Albatross

Moorhen *Gallinula*

Fitzsimons

Horsfield

Langford

Roberts

Selous, E.

See also Marshen

Moosebird *Perisoreus canadensis*

Roberts

See also Jay, Canada

Mouse-bird *Colinus*

Wetmore (m)

Mud hen *Fulica*, etc.

Howell (a)

Murre *Uria*

Bent (c)
 Cartwright
 Chapman, F. M. (c)
 Dawson (b)
 Forbush
 Gilliard
 Koelz
 Lockley
 MacMillan (c)
 Peterson
 Shiras (e)
 Wetmore (e m)

Murre, California *Uria aalge californica*

Finley, W. L.
 Henshaw (c)

Mutum

Lange (a)
 Smith, H. H.

Nighthawk *Chordeiles*

Ball

Beebe, W. (d)

***Burroughs (a)**

Chapman, F. M. (c)

Flagg

Henshaw (a b)

Job

Mathews

Reed

Roberts

Saunders

Scott, W. E. D.

Torrey (a c g h)

Wetmore (l)

Wyman

Nightingale *Luscinia*

Ball

Bent (e)

Bewick

Burroughs (d)

Chapman, F. M. (c)

Figuier ch.7

Herrick (c)

Lydekker (b) v.3, 4

Mathews

Murphy, R. C. (g)

Porter, G. S.

Night-jar *Caprimulgus*

Dawson (a)

Fitzsimons

Flagg

Horsfield

Jameson

Lydekker (b) v.3, 4

Roberts

Wetmore (m)

Wollaston

Noddies

Barrett, C.

Chapin, J. P. (c)

Forbush

Murphy, R. C. (g)

- Nutcracker *Nucifraga***
 Allen, A. A. (d)
 *Audubon
 Baynes (e)
 Bewick
 Figuiet ch.7
 Job
 Lydekker (b) v.3, 4
 Pearson (e)
 Reed
 Wyman
- Nuthatch *Sitta***
 *Audubon
 Ball
 Baynes (e)
 Beebe, W. (d)
 Bewick
 *Burroughs
 Dawson (a)
 Flagg
 Forbush
 Henshaw (a b)
 Howell (a b)
 Linsdale (b)
 Lydekker (b) v.3, 4
 Mathews
 Nelson, E. W. (d)
 Peterson
 Porter, G. S.
 Reed
 Roberts
 Roy, L. C. (a)
 Saunders
 *Scott, W. E. D.
 *Torrey (a—h)
 Trafton
 Wetmore (h m)
 Wilson, A.
 Wyman
- Nuthatch, Brown headed *Sitta pusilla***
 Wetmore (h)
- Nuthatch, Pygmy *Sitta pygmaea***
 Wetmore (h)
- Nuthatch, Red breasted *Sitta canadensis***
 Ball
 Wetmore (h)
- Nuthatch, White breasted *Sitta carolinensis***
 Ball
 Wetmore (h)
- Oilbird *Steatornis***
 Wetmore (m)
- Oriole *Oriolus* or *Icterus***
 Allen, A. A. (a—e)
 *Audubon
 Ball
 Baynes (e)
 Beebe, W. (d)
 **Burroughs
 Chapman, F. M. (c)
 Dawson (a)
 Figuiet ch.7
 Flagg
 Forbush
 Friedmann (b)
 Harper
 Henshaw (a b e)
- Herrick (a c)
 Howell (a)
 Job
 Kennard
 Linsdale (a)
 Lydekker (b) v.3, 4
 Mathews
 Pearson (c)
 Porter, G. S.
 Reed
 Roberts
 **Scott, W. E. D.
 Torrey (a c d e f g h)
 Trafton
 Washburn
 Weed
 Williams, H. S.
 Wilson, A.
 Wyman
- Oriole, Baltimore *Icterus galbula***
 Allen, A. A. (c)
 Ball
 Henshaw (e)
- Oriole, Bullock's *Icterus bullocki***
 Allen, A. A. (c)
 Henshaw (b)
- Oriole, Hooded *Icterus cucullatus***
 Allen, A. A. (c)
- Oriole, Orchard *Icterus spurius***
 Allen, A. A. (c)
 Ball
 Henshaw (e)
- Oriole, Scott's *Icterus parisorum***
 Allen, A. A. (c)
- Osprey *Pandion***
 Allen, A. A. (d)
 Allen, G. M.
- *Audubon
 Bartsch
 Beebe, W. (d)
 Bewick
 Burroughs
 Chapman, A. (b)
 Chapman, F. M. (c)
 Craighead
 Crawford
 Dubois
 Figuiet ch.5
 **Fountain (b c)
 Fuertes (a b)
 Hanna, G. D.
 Henshaw (a e)
 Herrick (a)
 Howell (a)
 Linsdale (a b)
 Lydekker (b) v.3, 4
 Meakin (b)
 Morris
 Roberts
 Scott, W. E. D.
 *Selous, F. C. (h)
 *Sheldon (b)
 Shiras (b)
 Torrey (c e g)
 Weed (c)
- Wetmore (i m)
 Willett
 Wilson, A.
- Ostrich *Struthio***
 Allen, G. M.
- ***Andersson (a b)
 ***Baker, S. W. (a)
 *Baldwin, W. C.
 Beebe, W. (d)
 Bible
 Bronson
 Brown, W. H.
 Burton, F. F. (k)
 Carpenter, F. G. (c)
 Casati
 **Chapman, A. (e)
 *Cheesman (b)
 Churchill
 Clark (b)
 Cooper, M. C.
 Cron
 Darton, N. H. (b)
 Darwin
 **DuChailu ch.28 (f)
 Figuiet ch.4
 Fitzsimons (a)
 Fraser, J. B. (d)
 Friedmann (a)
 Gillmore (f)
 **Gouldsbury (a)
 Gregory, H. E.
 Harris (a)
 Heilprin (a)
 Hoefler
 Holland
 **Jackson, F. J. (b c)
 Job
 Kerr
 Lucas
 Lydekker (b) v.3, 4
 *McCutcheon
 Meakin (b)
 Meunier
 Nicholson
 Osborn, H. F. (b)
 Overbeck
 Percival
 *Powell-Cotton
 Raswan ch.8
 *Savile
 ***Selous, F. C. (b)
 Simpich (g)
 Spears
 Wetmore (m)
 Wilson, J. C.
 Yule
- Ostrich, S. America**
 Macnie
 See also Rhea
- Ouzel or Ousel *Cinclus***
 Allen, A. A. (d)
 Bewick
 Figuiet ch.7
 Lydekker p.475
 Muir
 Torrey (b)
 Wyman
 See also Dipper

Oven-bird *Furnarius or Seiurus*

rus

Ball

Beebe, W. (d)

Chapman (f k)

Dawson (a)

Friedmann (b)

Henshaw (e f)

Lydekker

Mathews

Peterson

Roberts

Saunders

*Scott, W. E. D.

Simpich (g)

*Torrey (a c d e f g)

Owl *Bubonidae*

Allen, A.

***Audubon (a d)

Baird (b)

Baynes (e)

Beebe, W. (c d)

Bent (e)

Bentley, R. ch.5

Bewick

Bible

Blackwood

**Bonaparte v.1

**Burroughs

Chapman, F. M. (b c)

Coues

Dawson (a)

Dodge (c)

Figuier ch.8

Filson

Flagg

Fraser, J. B. (d)

Fuertes (b)

**Green

Hall, C. F. ch.24

Hardy

Heilprin

Henshaw (a b c)

*Herrick

Horsfield

Howell (a b)

Hudson (c)

Job

Kennard

Linsdale (a b)

Lydekker (b) v.3, 4

Mathews

Murphy, R. C. (g)

Payer

*Peterson

Porter, G. S.

Reed

Ridgway

Roberts

Samuels

Saunders

**Scott, W. E. D.

Sharp ch.13

*Sheldon (b)

Simpich

Smith, H. H.

Washburn

Weed (c)

*Wetmore (f)

*Wilson, A.

*Wrangell p.62

Wyman

Owl, Barn *Tyto*

*Audubon

Baynes (e)

Finley, W. L.

Fuertes (b)

Henshaw (a b c)

Lydekker (b) v.3, 4

Mathews

Reed

Roberts

Scott, W. E. D.

*Wetmore (f)

Wyman

Owl, Barred *Strix varia*

Cleaves

Craighead

Fuertes (b)

Harper

Henshaw (c)

Owl, Eared L. & S. *Asio*

Fuertes (b)

Owl, Elf *Micropallas whitneyi*

Finley, W. L.

Schantz

Owl, Horned *Bubo virginianus*

Atkinson, A. A.

Audubon

Baynes (e)

Bentley, R. ch.17

Blackwood

Craighead

Figuier ch.7

Henshaw (a e)

Job

Mathews

Reed

Scott, W. E. D.

Wilson, A.

Wyman

Owl, Screech *Otus asio asio*

Allen, A. A. (a—e)

Audubon

Baynes (e)

Chapman, F. M. (e)

Craighead

Fuertes (b)

Henshaw (a b)

Job

Kennard

Lydekker (b) v.3, 4

Mathews

Reed

Roberts

*Scott, W. E. D.

*Torrey (b)

Owl, Snowy *Nyctea nyctea*

Fuertes

Mecking

Ox-bird *Buphaga*

Lydekker

Oyster-catcher *Haematopus*

Allen, A. A. (e)

*Audubon

Barrett, C.

Beebe, W. (c d)

Bent

*Chapman, F. M. (c)

Figuier ch.4

Horsfield

Howell (a b)

Kirkman

Lydekker (b) v.3, 4

Murphy, R. C. (g)

Peterson

Pitt

Reed

*Torrey (b)

Wetmore (m)

Willett

Wyman

Oyster-catcher, American*Haematopus palliatus*

Allen, A. A. (e)

Oyster-catcher, Black *Haematopus bachman*

Allen, A. A. (e)

Paauw *Otis*

Fitzsimons

Gouldsbury (a)

Kerr

See also Bustard

Parakeet or Paroquet *Conu-**ropsis*, etc.

Allen, A. A. (d)

Baynes (e)

*Beebe, W. (d)

Chapman, F. M. (c)

Figuier ch.6

*Filson

Howell (a)

Lydekker (b) v.3, 4

Murphy, R. C. (d)

Reed

*Scott, W. E. D.

Shiras (h)

Torrey (c)

*Townsend, C. W. (b)

Vinton, K. W.

Wetmore (g)

Woodroffe

Parrot *Psittacidae*

*Audubon

Beebe, W. (c d)

Chapman, F. M. (i)

Figuier ch.6

Fitzsimons (a)

Gill, Mrs.

Hingston (b)

Nesbitt

Heilprin (a)

Porter, G. S.

Schurz

Tate, G. H. H.

Wetmore (m)

Wilson, A.

Wyman

Parrot, Sea

Finley, W. L.

See also Puffin

Partridge *Perdidae*

Adams, H. C. (f)

Atkinson

*Baker, S. W. (a e)

Barnard

*Beebe, W. (b)

Bible

- Darwin
Dawson (a)
Figuier ch.5
Fitzsimons
Forbush
Fraser, J. B.
Grenfell (d)
*Hedin (b k)
Heilprin (a)
Hoefler
Horsfield
Howard (a)
Hudson (c)
Job
Johnson, F. E. (a)
Linsdale (a)
Lull (a)
Lydekker (b) v.3, 4
Maugham (c)
Meakin
Methuen
Mjoberg p 54
Morris
**Newall, J. T. (a)
*Ossendowski
Pellow
Peterson
Reed
*Rice, W.
*Ridgway
Roberts
*Savile
Simpich (g)
Singer
Weed (c)
See also Quail, Bob
White
- Partridge, American common**
Colinus virginianus or
Bonasa umbellus
***Audubon (d)
Baird (b)
Burroughs
Chapman, F. M. (b c)
Coues
Crawford
*Elliot, D. G. (a)
*Filson
Green
Lydekker (b) v.3, 4
*Mackenzie, A.
Ridgway
Samuels
*Scott, W. E. D.
Stebbing
Sykes, C. A.
Torrey (h)
Wilson, A.
Yule
- Partridge, Banded**
Ridgway
- Partridge, Birch** *Bonasa um-*
bellus
Coues
Elliot, D. G. (b)
- Partridge, Black** *Cyrtonyx*
montezumae
Elliot, D. G.
Hornaday (c)
Ridgway
- Partridge, Black-bellied** *Cyr-*
tonyx montezumae
Elliot, D. G.
- Partridge, Blue** *Callipepla*
squamata
Cassin
Coues
Elliot, D. G.
- Partridge, California** *Lophor-*
tyx californica califor-
nica
Audubon
Beebe, W. (d)
Coues
Elliot, D. G. (b)
Ridgway
- Partridge, Chestnut-bellied**
Callipepla squamata cas-
tanogastris
Coues
Elliot, D. G. (b)
- Partridge, Elegant** *C. elegans*
Ridgway
- Partridge, European** *Perdix*
perdix perdix
Wetmore (j)
- Partridge, Gambel's** *Lophor-*
tyx gambeli
Cassin
Coues
Elliot, D. G. (b)
Oberholser
Ridgway
- Partridge, Helmeted** *Lophor-*
tyx, etc.
Elliot, D. G.
- Partridge, Massena** *Cyrtonyx*
montezumae
Baird
Cassin
Coues
Elliot, D. G. (b)
Reed
Ridgway
- Partridge, Mearn's** *Cyrtonyx*
montezumae mearnsi
Reed
- Partridge, Mountain** *Oreor-*
tyx picta palmeri
Baird
Elliot, D. G. (b)
Hornaday (c)
Lydekker (b) v.3, 4
Ridgway
- Partridge, Ocellated**
Ridgway
- Partridge, Plumed** *Oreortyx*
picta picta
Audubon (d)
Baird
Beebe, W. (d)
Coues
Elliot, D. G. (b)
Ridgway
- Partridge, San Pedro** *Oreor-*
tyx picta confinis
Coues
Elliot, D. G. (b)
- Partridge, Scaled** *Callipepla*
Baird
Beebe, W. (d)
Cassin
Coues
Elliot, D. G. (b)
Lydekker (b) v.3, 4
Reed
Ridgway
- Partridge, Spruce** *Canachites*
canadensis
Baird
Chapman, F. M. (b)
Coues
Elliot, D. G. (b)
Reed
- Partridge, Valley** *Lophortyx*
californica vallicola
Elliot, D. G. (b)
Hornaday (c)
Ridgway
- Partridge, Welcome**
Audubon (d)
- Partridge, White top-knot**
Callipepla squamata
Elliot, D. G. (b)
- Peacock, Peafowl** *Pavo*
Baker, S. W. (c)
Beebe, W. (b d)
Bock (c)
Hornaday (a)
Jardine
Jull
Lydekker
Mann, W. M. (d)
Newall, J. T. (a)
Yule
- Peacock, Congo** *Afropavo*
Chapin, J. P. (b)
- Pelican** *Pelecanidae*
Allen, G. M.
**Audubon
Bartsch
Baynes (e)
*Beebe, W. (c d)
Bible
Chapin, J. P. (d)
Chapman, A. (b)
**Chapman, F. M. (b c)
Coker
Conway (e)
**Cory (e)
**Coues
Cumming, C. F. G. (c)
Dawson (a)
Dubois
Figuier ch.2
Forbush
*Fraser, D. C. (a)
Fraser, J. B. (c d)
Friedmann (a)
*Gadow
**Galton
Gill, W.
*Gouldsbury
*Herrick (a)
Hoefler
Holland
Howell (a b)
LaGorce (c)
Linsdale (a)

Pelican—Continued

Lumholtz
Lydekker (b) v.3, 4
*Maugham (c)
Murphy, R. C. (a g)
Pearson (b)
Peterson
*Ridgway
Roberts
St. Cricq
St. John, J. A.
Shiras (c g i j)
Simmons
Simpich (c)
Torrey (b c)
Treves
Weed (c)
Wetmore (m)
Willett
Wyman

See also Frigate bird

Pelican, Brown (Eastern?)

Pelecanus occidentalis

Allen, G. M.
Audubon (d)
*Beebe, W. (c d)
Bent
*Chapman, F. M. (b)
Cory (e)
Coues
Henshaw (c)
Hornaday (c)
Pearson (b c)
Reed
Torrey (c e)
Wyman

Pelican, California *Pelecanus*

occidentalis californicus

Pearson (b)

Pelican, White *Pelecanus*

erythrorhynchos

Finley, W. L.
Nelson, E. W. (d)
Pearson (b)
Shiras (e)

Pelican, White (American)

Pelecanus erythrorhynchos

Allen, G. M.
*Audubon
Baynes (e)
Bent
Chapman, F. M. (c)
Cory (e)
Coues
Hanna, G. D.
Mann, W. M. (d)
Reed
*Torrey (c)
Wyman

Penelope *Cracidae*, *Penelo-*

pinae

Andre
Coues
Lydekker

See also Central America

Penguin *Spheniscidae*

Allen, G. M.

Ault

*Beebe, W. (c d)
Brown, R. N. R.

Burg, A. (c)

Byrd, R. E. (c d f)

Darwin

Ellsworth, L. (c)

Fitzsimons (a)

Fraser, D. C. (a)

Gill, W.

Guenther

Hayes, J. G. (a b c)

*Hudson (c)

Irving (b)

Kirkman

Mecking

Murphy, R. C. (a b g)

Pidgeon

Shackleton

Slevin

Spears

Townsend, C. W. (e)

Wells, C. (c) p.145

Wetmore (b m)

Penguin, Black-footed *Sphe-*

mniscus demersus

Hornaday (c)

Penguin, Emperor *Apteno-*

dytes patagonica

Hayes, J. G. (b)

Hornaday (e)

Mecking

Murphy, R. C. (g h)

Penguin, "Johnny" *Pygoscelis*

papua

Murphy, R. C. (e)

Penguin, "King" *Aptenodytes*

Murphy, R. C. (e)

See also Emperor penguin

Penguin, Pack

Hornaday

Peregrine *Falco peregrinus*

Chapman, A. (b)

Coues

Fuertes (a)

Goodwin (c)

Gordon, S. P.

Linsdale (a)

See also Falcon; Duck

Hawk

Petrel *Hydrobatidae*

Audubon

Baynes (e)

Beebe, W. (a d)

Bent (b)

Byrd

Chapin, J. P. (c)

Chapman, F. M. (c)

Coker, R. E.

Dawson (b)

Figuer ch.2

Forbush

Hanna, G. D.

*Hardy

Hayes (b)

Howard (a)

Lockley

Lydekker (b) v.3, 4

Morris

Murphy, R. C. (a e f g h)

Peterson

Reed

Shackleton

Townsend, C. W. (e)

*Wetmore (b m)

*Wilson, A.

Willett

Wyman

Petrel, Snowy

Ault

Byrd, R. E. (c)

Pewee *Myiochanes*

Ball

Dawson (a b)

*Flagg

Forbush

Henshaw (a e)

Herrick (c)

Howell (b)

Job

Mathews

Peterson

Porter, G. S.

Reed

Roberts

Saunders

*Scott, W. E. D.

*Torrey (a d g)

Weed (c)

Pewee, Eastern wood

Myiochanes virens

Wetmore (g)

Pewee, Western wood

Myiochanes richardsoni

Wetmore (g)

Phainopepla *Phainopepla*

mitens lepida

Allen, A. A. (c)

Henshaw (e)

See also Flycatcher

Phalarope *Phalaropodidae*

Audubon

Beebe, W. (c)

Bent (e)

Bonaparte v 4

Chapman, F. M. (c)

Dawson (a)

Forbush

Howell (a)

Murphy, R. C. (g)

Torrey (b)

Townsend, C. W. (b)

Wetmore (m)

Phalarope, Northern *Lobipes*

lobatus

Allen, A. A. (e)

Phalarope, Red *Phalaropus*

fulvicastris

Allen, A. A. (e)

Phalarope, Wilson's *Stegano-*

pus tricolor

Allen, A. A. (e)

Phalaris

Audubon

Coues

See also Auklet

Pheasant *Phasianidae*

Allen, G. M.

**Andrews, R. C. (d)

Atkinson

***Beebe, W. (b d)

*Chapman, F. M. (c)

Dawson (a b)

*Elliot, D. G. (b)

Figuer ch.5

- Filson
Fitzsimons (a)
Fleming
Forbush
Fraser, J. B. (c)
Fuertes (a)
Gill, W.
Grosvenor, M. B.
Herrick (a)
Hudson (c)
Huntington, D. W. (c)
Jardine
Kingston
*Lewis and Clark
Linsdale (a)
Lydekker (b) v.3, 4
Mearns
**Mjoberg ch.8, 9
Morris
Palmer, J.
Pike, Z.
*Ridgway
Roberts
Rock (d e)
*Scott, W. E. D.
Sowerby (b)
Stebbing
Wetmore (m)
Whitehead
- Pheasant, Amherst** *Chrysolophus amherstiae*
Rock (e) p.57
- Pheasant, Argus** *Argusianus argo*
Laing (b)
Mjoberg ch.8, 9
Smith, H. W. (b)
- Pheasant, Common** *Phasianus colchicus*
Coues
Figuier ch.5
- Pheasant, English** *Phasianus colchicus colchicus*
Huntington (a)
Roberts
Scott, W. E. D
- Pheasant, Golden** *Chrysolophus pictus*
Figuier ch.5
Hornaday (c)
Lydekker
Mann, W. M. (d)
- Pheasant, Mongolian** *Phasianus colchicus mongolicus*
Huntington (a)
Roberts
- Pheasant, Ring-necked** *Phasianus colchicus torquatus*
Coues
Figuier ch.5
Henshaw (a d)
Hornaday (c)
Mann, W. M. (d)
Morris
Reed
Wetmore (j)
- Pheasant, Silver** *Gennaeus nycthemerus*
Figuier ch.5
Hornaday (c)
Mann, W. M. (d)
- Pheasant, Tibetan eared** *Crossoptilon crossoptilon*
Rock, J. F. (d)
- Phoebe bird** *Sayornis phoebe*
Ball
Baynes (e)
*Burroughs
Chapman, F. M. (c)
Dawson (b)
Forbush
*Green
Henshaw (a e)
*Herrick (a)
Howard (a)
Job
Linsdale
Mathews
Nelson, E. W. (d)
*Peterson
Porter, G. S.
Reed
*Roberts
*Scott, W. E. D.
*Torrey (a c d e f g)
Trafton
Weed (c)
Wetmore (g)
Willett
See also Pewee
- Phoebe, Black** *Sayornis nigricans*
Ball
Wetmore (g)
- Phoebe, Eastern** *Sayornis phoebe*
Wetmore (g)
- Phoebe, Say's** *Sayornis saya*
Wetmore (g)
- Piculets** *Picumninae*
Lydekker
Wetmore (m)
- Pigeons** *Columbidae*
Allen, G. M.
***Audubon (a)
Baird (b)
Baynes (e)
Beebe, W. (b d)
Bible
Burroughs
Chapman, F. M. (b c)
**Coues
Dawson (a b)
Denton
Figuier ch.5
Fleming
Forbush
Fountain (c)
*Friedmann (a)
*Gadow
*Gouldsbury (a)
**Guillemard
Hansen, E.
Heilprin (a)
Henshaw
Horsfield
Howell (a)
- *Hudson (c)
Irving (b)
Linsdale (a)
Lydekker (b) v.3, 4
Mjoberg p.55
Morris
Murphy, R. C. (d f g)
Northrup
Nuttall
Ober
Peterson
Porter, G. S.
Reed
Rice, A. H.
Ridgway
Roberts
Saunders
Scott, G. C.
*Scott, W. E. D.
*Stebbing
*Torrey (b)
Van Der Meulen p.391
Wallace, D. (c)
Weed (c)
White (b)
Whitehead
***Wilson, A.
- Pigeon, Band-tailed** *Columba fasciata fasciata*
Audubon
Baird
Bent
Coues
Henshaw (a d)
Hornaday (c)
Ridgway
Wetmore (j)
Wyman
- Pigeon, Cape** *Daption capensis*
Mecking
Murphy, R. C. (g)
- Pigeon, Fruit** *Treronidae*
Murphy, R. C. (d)
- Pigeon, Partridge**
Nuttall
- Pigeon, Passenger** *Ectopistes migratorius*
Allen, A. A. (d)
***Audubon (d)
Ault
Bailey, W. L.
Baird
Baynes (e)
Bent (d)
Bonaparte v.1, 3
*Burroughs
*Chapman, F. M. (b)
Coues
Hanna, G. D.
Henshaw (a d)
Hornaday (c)
Job
Kingston
Morris
Nuttall
Reed
Revoil
*Ridgway
*Scott, W. E. D.
Wetmore (j)
***Wilson, A.

- Pigeon, Red-billed** *Columba flavirostris*
 Bent
 Chapman, F. M. (i)
 Coues
 Reed
 Ridgway
 Wetmore (i)
- Pigeon, Rock** *Columba livia*
 Murphy, R. C. (d)
- Pigeon, Sea**
 Forbes
 Koelz
 Parker, M. P.
- Pigeon, Victoria crowned**
Goura victoria
 Hansen, E.
- Pigeon, White-crowned** *Columba leucocephala*
 Audubon
 Baird
 Bent
 Chapman, F. M. (b)
 Coues
 Nuttall
 Reed
 Ridgway
 Scott, W. E. D.
 Wetmore (i)
- Pigeon, Wild** *Ectopistes migratorius*
 Baird
 Bonaparte v.1, 3
 Chapman, F. M. (b)
 Coues
 Herrick (c)
 Nuttall
 Porter, G. S.
 Rutledge
See also Passenger pigeon
- Pigeon, Wood** *Columba palumbus*
 Mann, W. M. (d)
- Pintail** *Daifila acuta*
 Forbush
 Slevin
- Pipit** *Motacillidae, Anthus*
 Beebe, W. (d)
 Bent (e)
 Burroughs
 Figuier ch.7
 Forbes
 Green
 Howell (a b)
 Job
 Lydekker (b) v.3, 4
 Reed
 Roberts
 Saunders
 Scott, W. E. D.
 Torrey (b)
 Townsend, C. W. (b)
 Wetmore (m)
 Wyman
- Pipit, American** *Anthus spinoletta rubescens*
 Forbes
 Pearson (a)
- Pipit, Sprague** *Anthus spraguei*
 Pearson(a)
- Piquero** *Morus*
 Alexander, W. B.
 Coker
See also Gannet
- Plantain-eater** *Musophagidae*
 Beebe, W. (d)
 Fitzsimons
- Plovers** *Aegialitis, Charadrius* etc.
 Allen, A. A.
 Bible
 Chapman, F. M.
 Cott
 Dawson (a b)
 *Dickey
 Figuier ch.4
 Fitzsimons
 Forbush
 Gardner, I. C.
 Grosvenor, G. (g)
 Howell (a b)
 Jameson
 Job
 Mecking
 Murphy, R. C. (g)
 *Peterson
 Reed
 Roberts
 *Torrey (b)
 *Townsend, C. W. (b)
 Weed (c)
 Wetmore (m)
 Willett
See also species
- Plover, Belted-piping** *Aegialitis meloda*, etc.
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Nuttall
 Rich
- Plover, Black-bellied** *Squatarola squatarola*
 Allen, A. A. (e)
 Allen, G. M.
 Audubon
 Bartsch
 Chapman, F. M. (b)
 *Coues
 Elliot, D. G.
 Henshaw (a d)
 *Nuttall
 Reed
 *Rich
 *Ridgway
 Torrey (f)
 Townsend, C. W. (f)
 Wilson
 Wyman
- Plover, Chicken** *Arenaria interpres*
 Coues
 Nuttall
 Reed
- Plover, Common** *Pluvialis dominicus*
 Coues
 Nuttall
- Plover, European** *Pluvialis hiaticula*
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Nuttall
 Reed
- Plover, Field** *Bartramia longicauda*
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Hornaday (c)
 Nuttall
- Plover, Golden** *Pluvialis apricarius* Europe
Pluvialis dominicus America
 Allen, A. A. (e)
 Allen, G. M.
 **Audubon
 Baynes (e)
 Chapman, F. M. (b)
 Cooke, W. W.
 **Coues
 Elliot, D. G.
 Henshaw (a d)
 Horsfield
 Kuerzi
 Lockley
 Lydekker (b) v 3, 4
 Morris
 Murphy, R. C. (d)
 Nelson, E. W. (d)
 Nuttall
 Reed
 **Rich
 *Ridgway
 *Torrey (h)
 Washburn
 *Wetmore (b c)
 Wilson
- Plover, Gun**
 Coues
 Morris
 Nuttall
- Plover, Kildeer** *Oxyechus vociferus*
 Audubon
 Beebe, W. (d)
 Coues
 Elliot, D. G.
 Henshaw (d)
 Hornaday (c)
 Rich
 Torrey (e)
 Wilson
See also Killdeer
- Plover, Mongolian** *Charadrius mongolus*
 Coues
 Elliot, D. G.
 Reed
 Ridgway
- Plover, Mountain** *Eupoda montana*
 Allen, A. A. (d e)
 Audubon
 Chapman, F. M. (b c)
 Elliot, D. G.
 Nuttall

- Reed
Ridgway
Wyman
Plover, Piping *Aegialitis meloda*
Allen, A. A. (e)
Allen, G. M.
Audubon
Chapman, F. M. (b c)
Cleaves
Coues
Elliot, D. G
Nuttall
Reed
Rich
Plover, Red-legged *Arenaria interpres*
Coues
Nuttall
Plover, Ringed *Charadrius hiaticula*
*Audubon
Chapman, F. M. (b)
Coues
Elliot, D. G
Horsfield
Lydekker (b) v.3, 4
Nuttall
Reed
*Rich
*Ridgway
Wilson
Plover, Ruddy *Calidris arenaria*
Coues
Elliot, D. G.
Nuttall
Wilson
Plover, Semi-palmated *Aegialitis semipalmatus*
Allen, A. A. (e)
Allen, G. M.
Bartsch
Chapman, F. M. (b)
*Coues
Elliot, D. G.
Forbes
Job
Nuttall
Pettingill
Reed
**Rich
Ridgway
*Wetmore (c)
Wyman
Plover, Snowy *Charadrius nivosus*
Allen, A. A. (d e)
Plover, Swiss *Squatarola squatarola*
Coues
Nuttall
Rich
Plover, Upland *Bartramia longicauda*
Allen, A. A. (e)
Chapman, F. M. (b)
Coues
Elliot, D. G.
Flagg
Henshaw (a b d)
Job
Nuttall
Reed
Rich
See also Sandpiper
Plover, Whistling *Squatarola squatarola*
Coues
Nuttall
Plover, Wilson's *Pagolla wilsonia*
Allen, A. A. (e)
Audubon
Chapman, F. M. (b c)
Coues
Elliot, D. G.
Nuttall
Reed
Rich
Ridgway
Shiras (c)
Poorwill *Phalaenoptilus nuttallii*
Ball
Wetmore (l)
Prairie chicken *Tympanuchus cupido*
Allen, G. M
Bent
Coues
Elliot, D. G.
Reed
Rich
Roberts
Wetmore (j)
Prairie chicken, Northern *Tympanuchus americanus cupido*
Elliot, D. G
Henshaw (d)
Hornaday
Prairie-hen or cock *Tympanuchus cupido*
Baird
Beebe, W. (d)
Carvalho
Chapman, F. M. (b c)
Coues
Elliot, D. G.
Henshaw (a d)
Huntington (a)
*Lewis and Clark
Kingston
Lydekker (b) v.3, 4
Nuttall
Reed
Rich
Ridgway
Scott
Weed
Prairie-hen, Attwater's *Tympanuchus cupido attwateri*
Bent
Chapman, F. M. (b)
Elliot, D. G.
Reed
Prairie-hen, Lesser *Tympanuchus cupido pallidicinctus*
Bent
Elliot, D. G.
Reed
Ptarmigan, Allen's *Lagopus alleni lagopus alleni*
Bent (a—e)
Chapman, F. M. (b)
Coues
Elliot, D. G.
Reed
Ridgway
Scott
Ptarmigan, American *Lagopus pus*
**Audubon (d)
Beebe, W. (d)
Bent (d)
Carstensen
Chapman, F. M. (b c)
Clark, C. U.
Coues
Figuier ch 5
Forbush
Fountain (c)
**Gillmore (n)
Griggs, R. F. (a)
Henshaw
Hersey
Hornaday (d)
Hubbard, L.
Kennedy
Koelz
Lydekker (b) v.3, 4
Mecking
**Millaiss (d)
Morris
Muir
Nansen (c)
*Nordenskiöld
Nuttall
Outram
*Peterson
Pettingill
*Radclyffe
Reed
**Scott, W. E. D.
**Selous, F. C. (b)
**Sheldon
Singer
Stejneger
*Stuck (b)
Townsend, C. W. (c)
*Turi
Wilcox (b)
**Wrangell p.84
Ptarmigan, Evermann's *Lagopus rupestris evermanni*
Bent (a—e)
Coues
Elliot, D. G.
Reed
Ptarmigan, Greenland *Lagopus rupestris*
Chapman, F. M. (b)
Coues
Ridgway

- Ptarmigan, Nelson's** *Lagopus rupestris nelsoni*
 Bent (a—e)
 Coues
 Elliot, D. G.
 Ridgway
- Ptarmigan, Reinhardt's** *Lagopus rupestris reinhardi*
 Bent (a—e)
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Nuttall
 Reed
 Scott, W. E. D
- Ptarmigan, Rock** *Lagopus rupestris*
 Audubon (d)
 Baird
 Bent
 Cabot
 *Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Nuttall
 Reed
 *Ridgway
 *Scott, W. E. D.
 *Sheldon (b)
 Shiras (f)
 Wetmore (j)
- Ptarmigan, Townsend's** *Lagopus rupestris townsendi*
 Bent (a—e)
 Coues
 Elliot, D. G.
 Reed
- Ptarmigan, Turner's** *Lagopus rupestris atkensis*
 Bent (a—e)
 Coues
 Elliot, D. G.
 Reed
 Ridgway
- Ptarmigan, Welch's** *Lagopus rupestris welchi*
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Nuttall
 Reed
 Ridgway
 Scott, W. E. D.
- Ptarmigan, White-tail** *Lagopus leucurus*
 Audubon
 Baird
 Coues
 Elliot, D. G.
 Henshaw (a d)
 Hornaday (c)
 Ridgway
 Selous, F. C. (b)
 Wetmore (j)
- Ptarmigan, Willow** *Lagopus lagopus albus*
 **Audubon
 Barnard
 Bent (a—e)
- Chapman, A. (b)
 Chapman, F. M. (b)
 Elliot, D. G.
 Henshaw (a d)
 Hornaday (c)
 Nuttall
 Reed
 *Ridgway
 *Scott, W. E. D.
 **Sheldon (b)
 Shiras (f)
 Wetmore (j)
- Ptilogonyx** *Ptilogonyx*
 Audubon
- Puff-birds** *Bucconidae*
 Lydekker
 Wetmore (m)
- Puffin** *Fratercula* and *Lunda*
 Audubon
 Beebe, W. (d)
 Boyd, L. A.
 Carstensen
 Chapman, A. (b)
 Chapman, F. M. (b c)
 Coues
 Dennis, A. P. (b)
 Figuier ch.2
 Gilliard
 Hanna, G. D.
 Hansen, L.
 Hardy
 Hersey
 Howell (a)
 Kennard
 Kirkwood
 Langford
 Lockley
 Lydekker
 Morris
 Peterson
 Reed
 *Selous, E.
 Torrey (b)
 *Townsend, C. W. (b)
 Weed (c)
 *Wetmore (e m)
 Wyman
- Purre** *Pelidna*
 Coues
 Wilson, A.
- Qua-bird** *Nycticorax nycticorax*
 Coues
 Flag
 Wilson, A.
 See also Night heron
- Quail** *Colinus virginianus*
 Adams, H. C. (c f)
 Allen, G. M.
 **Baker, S. W. (e)
 Ball
 Bent
 *Beebe, W. (d)
 Bent (c d)
 Bible
 *Burroughs
 *Chapman, F. M. (b c)
 *Coues
 Dawson (a b)
 Dickey
 **Dodge (c)
- Dugmore (d)
 Figuier ch.5
 **Fitzsimons (a)
 Flag
 Forbush
 Fraser, J. B. (c)
 *Gadow
 *Green
 Grosvenor, M. B.
 Guenther
 Hall, C.
 Heilprin (a)
 Henshaw (a d)
 Herrick (a)
 Holder (a c)
 Hornaday (e)
 Howell (a)
 Huntington, D. W. (c)
 Job
 Johnson, F. E. (a)
 Linsdale (b)
 Lydekker (b)
 Martindale (a)
 *Maugham (c)
 Morris
 Nelson, E. W. (d)
 Osborn, C. S.
 *Peterson
 *Porter, G. S.
 Rice, W.
 Singer
 Thomas, W. S. (b)
 Torrey (c d f)
 *Ward, H.
 Washburn
 Wells, J. W.
 Wetmore (j m)
 Wilkins, G. H.
 Willett
 **Wilson, A
 Wyman
 See also Partridge and
 Bob white
- Quail, Black** *Cyrtonyx montezuma*
 Coues
 Elliot, D. G. (b)
- Quail, Black bellied** *Cyrtonyx montezuma*
 Elliot, D. G. (b)
- Quail, Cactus** *Cyrtonyx montezuma*
 Elliot, D. G. (b)
- Quail, California** *Lophortyx californica californica*
 Atkinson, A. A.
 Baird
 Ball
 Bent
 Henshaw (a e)
 Hornaday
 Lydekker (b) v.3, 4
 Wetmore (j)
- Quail, Crested** *Callipepla squamata*
 Coues
 Elliot, D. G. (b)

- Quail, Florida** *Colinus virginianus floridanus*
Coues
Elliot, D. G. (b)
Shiras (c g)
- Quail, Fool** *Cyrtonyx montezuma*
Elliot, D. G. (b)
- Quail, Gambel's** *Lophortyx gambeli*
Baird
Bent
Elliot, D. G. (b)
Henshaw (a d)
Schantz
Wetmore (j)
Wyman
- Quail, Masked** *Colinus ridgwayi*
Coues
Elliot, D. G. (b)
Wetmore (j)
- Quail, Mearn's** *Cyrtonyx montezumae mearnsi*
Henshaw (d)
Wetmore (j)
- Quail, Mountain** *Oreortyx picta palmeri*
Baird
Bent
Coues
Elliot, D. G.
Henshaw (a d)
Reed
Wetmore (j)
- Quail, Plumed** *Oreortyx picta picta*
Bent
Coues
Reed
Wyman
- Quail, Scaled** *Callipepla*
Henshaw (a d)
Wetmore (j)
- Quail, Snow**
Elliot, D. G.
- Quail, Texan** *Colinus virginianus texanus*
Coues
Elliot, D. G.
- Quail, Valley** *Lophortyx californica vallicola*
Bent
Coues
Elliot, D. G.
Henshaw (a d)
Hornaday (c)
Reed
Wyman
- Quail, White** *Lagopus leucurus*
Elliot, D. G. (b)
- Quail, White-crested** *Callipepla squamata*
Elliot, D. G. (b)
- Quail, White top-knot** *Callipepla squamata*
Coues
Elliot, D. G. (b)
- Quetzal** *Pharomachrus*
Lee, T. F.
Wetmore (m)
- Rail** *Rallidae*
**Audubon
Baynes (e)
Bonaparte v.4
Chapman, F. M. (c)
Dawson (a b)
Finley, W. L.
Flagg
Forbush
Henshaw (a d)
Howell (a b)
Jameson
Job
Lydekker (b) v.3, 4
Peterson
Porter, G. S.
Reed
Roberts
Sandys ch.12
Shiras (b)
Simmons
*Torrey (c e f)
Weed (c)
Wetmore (m)
Willett
**Wilson, A.
Wyman
- Rail, Black** *Creciscus jamaicensis stoddardi*
Allen, A. A. (e)
- Rail, California clapper** *Rallus obsoletus obsoletus*
Allen, A. A. (e)
Shiras (c)
- Rail, Clapper** *Rallus longirostris crepitans*
Allen, A. A. (e)
Henshaw (d)
- Rail, King** *Rallus elegans elegans*
Allen, A. A. (e)
Henshaw (d)
- Rail, Virginia** *Rallus limicola limicola*
Allen, A. A.
Henshaw (d)
- Rail, Yellow** *Coturnicops noveboracensis*
Allen, A. A.
- Raincrow**
Wetmore (m)
- Raven** *Corvus corax*
*Audubon
Ball
Beebe, W. (d)
Bent (e)
Bible
Dawson (a)
Figuier ch.7
Filson
Forbes
Koelz
Lydekker (b) v.3, 4
Nelson, E. W. (c)
Pearson (e)
Peterson
Pitt
- Reed
Roberts
Roy, L. C. (a)
*Scott, W. E. D.
Shiras (b)
*Torrey (d g)
Townsend, C. W. (b)
Wetmore (m n)
Wyman
- Redbill**
Howell (a)
- Redbird** *Richmondia cardinalis*
Audubon (a—f)
Ball
Burroughs
Dawson (a)
Dickey
Forbush
Howell (a b)
Peterson
Roberts
Sandys ch.12
Torrey (c)
Washburn
Wilson, A.
See also Cardinal
- Redpoll** *Acanthis linaria*
Ball
Baynes (e)
Bent (e)
Bewick
Chapman, F. M. (f)
Dawson (a)
Forbush
Green
Job
Koelz
Lydekker (b) v.3,4
Mathews
Peterson
Reed
Roberts
Saunders
**Scott, W. E. D.
**Townsend, C. W. (a—f)
Trafton
*Wilson, A.
- Redstart** *Setophaga ruticilla*
Allen, A. A. (a)
**Audubon
Ball
Baynes (e)
Beebe, W. (d)
Bewick
**Burroughs
Flagg
Henshaw (a e)
*Herrick (a)
Jameson
Job
Lydekker (b) v.3, 4
Mathews
*Peterson
Reed
*Roberts
Saunders
Scott, W. E. D.
Sharp ch.7
**Torrey (a d e f g)
Weed (a)

Redstart, American

See Redstart

Redwing *Agelaius phoeniceus*

Allen, A. A. (c)
 Bewick
 Dawson (b)
 Finley, W. L.
 Howell (a b)
 Linsdale (a)
 Lydekker (b) v.3, 4
 Reed

Redwing, Tricolored *Agelaius tricolor*

Allen, A. A. (c)

Reedbird *Dolichonyx oryzivora*

Dawson
 Job
 Mathews
 Peterson
 Roberts
 Scott, W. E. D.

Rhea or American ostrich*Rhea*

Adams, H. C. (c)
 Beebe, W. (d)
 Carpenter, F. G. (c)
 Figuier ch.4
 Guenther
 Hudson (a)
 Kingston
 Murphy, R. C. (g)
 Sclater
 Wetmore (c d m)

Rhino-bird *Buphagus*

Beebe, W. (d)

Rice-bird *Dolichonyx oryzivora*

Audubon
 Bailey, W. L.
 Castle, W. R.
 Howell (a)
 Lydekker (b) v.3, 4
 Mathews
 Peterson
 Roberts
 Scott, W. E. D.
 Wilson, A.

Roadrunner *Geococcyx californianus*

Dawson (b)
 Finley, W. L.
 Henshaw (e)
 Pearson (a)
 Schantz
 Wetmore (g m)
 See also Ground cuckoo;
 Mexican paisano; Snake-
 killer; Chaparral cock;
 Cock-of-the-desert

Robin *Turdus migratorius*

Allen, A. A. (a)

*Audubon

Ball
 Baynes (e)
 Beebe, W. (c d)
 Burroughs
 Chapman, F. M. (c i k)
 Cooke, W. W.
 Dawson (a b)

Dickey

Figuier ch.7

Fitzsimons (a)

Flagg

Forbush

**Green

Hassanein

Henshaw (a b)

**Herrick (a c)

Horsfield

Howell (a)

Job

Kirkman

Linsdale (a)

Lydekker (b) v.3, 4

Mathews

Mearns

Parker, M. P.

Pearson (a c)

Porter, G. S.

Reed

*Roberts

*Saunders

Scott, W. E. D.

*Shiras (b)

Torrey (a—h)

Townsend (b)

Trafton

Washburn

Weed (c)

Wetmore (m n)

Williams, H. S.

**Wilson, A.

Rock-jumper *Arquatella maritima*

Beebe, W. (b)

Coues

See also Rock-bird

Rollers *Coraciidae*

Jameson

Rook *Corvus frugilegus*

Chapman, F. M. (c)

Lydekker

Rype, Ryper, Rayper or*Hjerper Lagopus*

Barnard

Kennedy

Peel (c)

See also Ptarmigan, Nor-
way**Sage hen** *Centrocercus urophasianus*

Dawson (b)

Henshaw (c d)

Wetmore (j)

Sanderling *Crocethia alba*

Allen, A. A. (e)

Henshaw (d)

Shiras (c)

Sandgrouse

See Grouse

Sandpiper *Scolopacidae*

**Audubon

Bailey, W. L.

Baynes (e)

*Beebe, W. (d)

Bent (e)

Bonaparte v.4

Burroughs

Chapman, F. M. (c)

Dawson (a b)

*Dickey

Elliot, D. G.

Figuier ch.4

Forbush

Henshaw (a e)

Howell (a b)

Jameson

Job

Linsdale (b)

Lydekker (b) v.3, 4

Murphy, R. C. (g)

Parker, M. P.

*Peterson

Reed

*Roberts

Shiras (b)

**Torrey (a b c g h)

**Townsend, C. W. (b)

Wetmore (m)

Willett

Sandpiper, Aleutian *Arquatella ptilocnemis comesi*

Allen, A. A. (e)

Sandpiper, Baird's *Pisobia bairdi*

Allen, A. A. (e)

MacMillan (c)

Sandpiper, Buff-breasted*Tryngites subruficollis*

Allen, A. A. (e)

Sandpiper, Least *Pisobia minutilla*

Allen, A. A. (e)

Pettingill

Sandpiper, Pectoral *Pisobia melanotos*

Allen, A. A. (e)

Henshaw (d)

Sandpiper, Purple *Arquatella maritima*

Allen, A. A. (e)

Forbes

Sandpiper, Red-backed*Pelidana alpina sakhalina*

Allen, A. A. (e)

Sandpiper, Semipalmated*Ereunetes pusillus*

Allen, A. A. (e)

Sandpiper, Sharp-tailed *Pisobia acuminata*

Allen, A. A. (e)

Sandpiper, Solitary *Tringa solitaria*

Allen, A. A. (e)

Sandpiper, Spotted *Actitis macularia*

Allen, A. A. (e)

Henshaw (d e)

Sandpiper, Stilt *Micropalama himantopus*

Allen, A. A. (e)

Pettingill

Twomey

Sandpiper, Western *Ereunetes maurii*

Allen, A. A. (e)

Sandpiper, White-rumped*Pisobia fuscicollis*

Allen, A. A. (e)

Sapsucker *Sphyrapicus*

Allen (d)
Ball
Baynes (e)
Beebe, W. (d)
Brooks, A. (b)
Chapman, F. M. (c)
Dawson (a)
Forbush
Green
Henshaw (a b)
Howell (a)
Job
Lydekker (b) v.3, 4
Mathews
Reed
*Roberts
Saunders
Shiras (d)
*Torrey (b e)
Washburn
Weed (c)

Sapsucker, Yellow-bellied

Sphyrapicus varius
Ball
Henshaw (b)
Scaup *Nyroca*
Bent (c)
Coues
Dickey
Elliot, D. G.
Henshaw
Howell (a)
Lydekker (b) v.3, 4
Morris
Nelson, E. W. (d)
*Phillips
Ridgway
See also Duck

Scaup, American *Nyroca* sp.

Ridgway

Scaup, Big *Nyroca marila*

Elliot, D. G.
Henshaw
Phillips

Scaup, Big, Ring-necked *Nyroca collaris*

Coues
Elliot, D. G.
Phillips

Scaup, Chinese

Ridgway

Scaup, Crested

Ridgway

Scoter *Melanitta*, etc.

Allen, G. M.
**Audubon
Bent (e)
*Coues
Dawson (a b)
*Dickey
*Elliot, D. G.
Forbush

**Hardy
Hornaday (c)
Howell (a)
Job
Lydekker (b) v.3, 4
Morris
Nuttall
Peterson
Reed

Reed
Rich
**Ridgway
**Torrey (b)
**Townsend, C. W. (b)
Weed (c)
Wyman
See also Duck
Scoter, American *Oidemia americana*
Audubon
Brooks, A. (a)
Coues
*Elliot, D. G.
Henshaw (a d)
*Hornaday (c)
*Nuttall
Reed
Rich
*Ridgway
Wyman
Scoter, Black *Oidemia americana*
Lydekker (b) v.3, 4
Morris
Nuttall
Scoter, European *Melanitta fusca*
Ridgway
Scoter, Kamtschatka
Ridgway
Scoter, Lake Huron
Elliot, D. G.
Scoter, Surf *Melanitta perspicillata*
Brooks, A. (a)
*Chapman, F. M. (b)
*Coues
*Elliot, D. G.
Henshaw (a d)
*Hornaday (c)
Huntington
Job
Morris
Nuttall
*Phillips
Reed
**Ridgway
Wyman

Scoter, Velvet *Melanitta fusca*

Chapman, F. M. (b)
Elliot, D. G.
Morris
Nuttall
Reed
Ridgway

Scoter, White-winged *Oidemia perspicillata*

Allen, G. M.
Brooks, A. (a)
*Chapman, F. M. (b)
*Coues
*Elliot, D. G.
Henshaw (a d)
Hornaday (c)
Huntington
Job
*Nuttall
*Phillips
Reed

Rich
Ridgway
Wyman
Screamer *Anhimidae*
Beebe, W. (d)
Lydekker (b) v.3, 4

Sea birds

Alexander, W. B.
Cory (e)
Galton (c)
See also Ducks; Gull

Sea owl, Perroquet

Bonnycastle, R.

Sea-swallow

See Tern, Arctic; Tern, Black

Secretary bird *Sagittarius serripentarius*

Allen, G. M.
*Baker, S. W. (a)
*Beebe, W. (d)
Blanford

Bryden

Figuer ch.8

*Fitzsimons (a)
Friedmann (a)
Lydekker (b) v.3, 4

***Maugham**

Wetmore (m)

See also Vulture

Shag *Thalacrocorax*

Murphy, R. C. (e)

Shearwater *Procellariidae*

Adams, H. C. (d)

*Audubon
Barrett, C.
Baynes (e)

Beebe, W. (c)

Bent (b)

Chapin, J. P. (c)

Chapman, F. M. (c)

Dickey

Forbush

Hanna, G. O.

Howell (a)

Lydekker (b) v.3, 4

Murphy, R. C. (fg)

Peterson

Pitt

Reed

*Torrey (b)

*Townsend, C. W. (b)

Wetmore (km)

*Wilson, A.

Wyman

Sheathbills *Chionididae*

Murphy, R. C. (h)

Wetmore (m)

Sheldrake

*Coues

Dawson (a)

*Elliot, D. G.

Figuer ch.2

Forbush

Howell (a)

Hudson (c)

Job

Lydekker (b) v.3, 4

Nuttall

Peterson

Reed

Sheldrake—Continued

Rich
Roberts
*Townsend, C. W. (b)
Weed (c)
See also Duck

Sheldrake, Buff-breasted
Mergus americanus

Coues
Elliot, D. G.
Nuttall
See also Duck

Sheldrake, Hooded *Lophodytes cucullatus*

Coues
Nuttall
Rich

Sheldrake, Pond *Lophodytes*, etc.

Coues
Elliot, D. G.
Rich

Sheldrake, Ruddy *Casarca casarca*

Elliot, D. G.
Lydekker

Sheldrake, Swamp *Mergus americanus*

Coues
Elliot, D. G.

Shitepoke *Butorides virescens*

Porter, G. S.

Shoebill *Balaeniceps rex*

Wetmore (m)

Shorelark *Otocoris alpestris*

Wilson, A.

Shoveler *Spatula clypeata*

*Audubon (d)
Brooks, A. (a)
*Chapman, F. M. (b)
Dickey
*Elliot, D. G.
Figuier ch 2
Fitzsimons (a)
Henshaw
Huntington, D. W. (c)
Lydekker (b) v.3, 4
Morris
Nuttall
*Peterson
Phillips
Reed
*Roberts
Wyman
See also Duck

Shoveler, Blue-winged *Spatula clypeata*

Elliot, D. G.
Morris
See also Duck

Shoveler, Mud *Spatula clypeata*

Elliot, D. G.

Shoveler, Red-breasted *Spatula clypeata*

Elliot, D. G.
Morris

Shrike *Laniidae*

Allen, A. A. (c)
*Audubon
Ball
Baynes (c)
Beebe, W. (d)
Dawson (a b)
Dickey
Figuier ch 7
Fitzsimons (a)
Forbush
Green
Henshaw (a b)
Howell (a)
Jameson
Job
Linsdale (a)
Lydekker (b) v.3, 4
Nelson, E. W. (d)
*Porter, G. S.
Reed
Roberts
Saunders
*Scott, W. E. D
*Torrey (a c e f h)
Weed (c)
Wetmore (m)
*Wilson, A.
Wyman

Shrike, Loggerhead *Lanius ludovicianus*

Allen, A. A. (c)
Ball

Shrike, Northern *Lanius borealis*

Allen, A. A. (c)
Ball

Shuffler, Big *Marila marila*

Elliot, D. G.

Shuffler, Ring-billed *Marila collaris*

Elliot, D. G.

Silver-bill

Means
See also Tanager; Gull

Siskin, Pine *Spinus pinus*

Ball
See also Finch

Skimmer *Rynchops nigra*

Beebe, W. (d)
Bent (e)
Chapman, F. M. (c)
Coues
Howell (b)
Murphy, R. C. (a g)
Shiras (c)
Wetmore (m)

Skimmer, Black *Rynchops nigra*

Bent (e)
Shiras (c e)

Skua

See Gull, Skua

Skylark *Alaudidae*

Baynes (e)
Bewick
Chapman, F. M. (c)
Coues
Porter, G. S.
Roberts
See also Lark

Snake-bird *Anhinga*

Allen, A. A. (d)
Audubon (d)
Beebe, W. (d)
Howell (a)
Lydekker
Peterson
Reed
Torrey (c)
Weed (c)
Wetmore (m)
See also Darter

Snipe *Capella*

Adams, H. C. (c e)

****Audubon** (d)

Baynes (e)
Beebe, W. (d)
Bonaparte v.4
Coues

Dawson (a)

*Dickey
Elliot, D. G.
Figuier ch 4

***Fitzsimons**

Flagg
Gouldsbury (a)
Henshaw (a d)
Horsfield

Howell (a b)

Huntington, D. W. (c)
Lydekker (b) v.3, 4
Martin, G. C.

Mecking

*Peterson
Rich

Roberts

**Scott, G C
Shiras (j)
Weed (c)

****Wetmore** (m)

*Wilson, A.
Wyman

Snipe, Wilson's *Capella delicata*

Allen, A. A. (e)
Henshaw (d)

Snow bird *Plectrophenax* or *Junco*

Audubon
Ball

Burroughs

Dickey
Howell (a)
Mathews

Roberts

*Scott, W. E D
*Torrey (a e f g h)
Weed (c)

Wilson, A.**Snowflake** *Plectrophenax*

Ball
Koelz

Scott, W. E. D**Solitaire, Townsend's** *Myadestes townsendi*

Allen, A. A. (d)
Pearson (b)

Sora *Porzana carolina*

Allen, A. A. (e)

Sparrow *Fringillidae*

Allen, A. A. (a-d)

- ***Audubon**
 Ball
 Baynes (e)
****Beebe, W. (c d)**
 Bent
 Bewick
 Bible
 Burroughs
***Chapman, F. M. (c)**
 Dawson (a b)
 Dickey
 Forbush
 Friedmann (b)
 Green
 Henshaw (a b c e)
***Herrick (a c)**
 Horsfield
 Howell (a)
 Koelz
 Linsdale (a b)
 Lydekker (b) v 3, 4
 Mathews
 Pearson (f)
 Peterson
 Pettingill
 Porter, G. S.
 Reed
 Roberts
***Saunders**
****Scott, W. E. D.**
 Shiras (b)
****Torrey (a—h)**
 Townsend, C. W. (b)
 Trafton
 Washburn
 Weed (c)
 Wetmore (m)
*****Wilson, A.**
 Wyman
- Sparrow, English *Passer domesticus***
 Henshaw (b)
Sparrow, Java *Munia oryzivora*
 Mann, W. M. (d)
Sparrow, Lark *Chondestes grammacus*
 Allen, A. A. (d)
 Henshaw (e)
 Pearson (f)
Sparrow, Lincoln's *Melospiza lincolni*
 Allen, A. A. (d)
Sparrow, Song *Melospiza melodia*
 Ball
 Chapman, F. M. (k)
 Henshaw (b)
 Kennard
 Pearson (f)
Spoonbill *Plataleidae*
 Audubon
 Beebe, W. (d)
 Chapman, F. M. (c)
 Cott
 Dickey
 Figuiet ch.4
 Howell (a)
 Lydekker (b) v 3, 4
 Pearson (d)
 Peterson
- Shiras (b)
 Wetmore (m)
 Wilson, A.
Spruce-hen
 Roberts
Spur fowl *Pternistes*
 Mearns
 Lydekker (b) v.3, 4
 White (b)
See also Ceylon; India
Starling *Sturnidae*
***Audubon**
 Ball
 Beebe, W. (d)
 Carson, R. L.
 Chapman, F. M. (c)
 Figuiet ch.7
 Forbush
 Friedmann (b)
 Green
 Henshaw (e)
 Herrick (c)
 Horsfield
 Howell (b)
 Lydekker (b) v 3,4
 Mathews
 Nelson, E. W. (d)
 Peterson
 Roberts
 Saunders
***Scott, W. E. D.**
 Shiras (b c)
***Wilson, A.**
Stilt *Recurvirostridae*
 Allen, A. A. (d)
 Audubon
 Dawson (a)
 Finley, W. L.
 Henshaw
 Howell (a)
Stilt, Black-necked *Himantopus mexicanus*
 Allen, A. A. (e)
Stork *Ciconiidae*
 Beebe, W. (d)
 Bible
 Chandler, D. (b)
***Chapman, A. (b)**
 Clark, C. U.
***Cory (e)**
 Cott
 Figuiet ch 4
***Fitzsimons (a)**
 Fraser, J. B. (c)
 Friedmann (a)
***Herrick (c)**
 Lydekker (b) v.3, 4
 Mann, W. M. (b)
 Meakin (b)
 Morris
 Nelson, E. W. (d)
 Petherick
***Ridgway**
 Weed (c)
***Wetmore (b c)**
 William, P. of S.
Sugar bird *Meliphagidae* or *Coerebidae*
 Beebe, W. (d)
- Sun-bird *Nectariniidae***
 Jameson
 Mearns
 Simmons
 Wollaston
Surf-bird *Aphriza*
 Allen, A. A. (e)
 Torrey (b)
Swallow *Hirundinidae*
 Allen, A. A. (d)
****Audubon**
 Ball
***Beebe, W. (d)**
 Bent (e)
 Bible
 Bonaparte v.1
 Burroughs
 Chapman, F. M. (c)
 Crampton
 Dawson (a b)
 Dickey
 Figuiet ch 7
 Flagg
 Forbush
 Friedmann (b)
 Henshaw (a e)
***Herrick (c)**
 Howell (a b)
 Huc (c)
 Jameson
 Job
 Linsdale (a b)
 Lydekker (b) v.3, 4
 Mathews
 Nelson, E. W. (d)
 Parkhurst
 Payer
 Pearson (b)
***Peterson**
 Reed
 Roberts
 Saunders
 Schwatka (c)
****Scott, W. E. D.**
 Sharp ch.7, 13
*****Torrey (a b e f g)**
 Trafton
 Weed (c)
****Wilson, A.**
 Wyman
Swallow, Bank *Riparia riparia*
 Ball
 Cooke, W. W.
 Pearson (b)
Swallow, Barn *Hirundo erythrogastra*
 Ball
 Henshaw (b)
 Kennard
 Pearson (b)
 Washburn
Swallow, Cliff or Eaves *Petrochelidon*
 Ball
 Cooke, W. W.
 Henshaw (e)
 Oberholser
Swallow, Sea
See Tern, Arctic

- Swallow, Tree Iridoprocne bicolor**
 Ball
 Pearson (b)
- Swan Cygnus**
 *Allen, G. M.
 **Andrews, R. C. (d)
 **Audubon
 **Beebe, W. (d)
 Bible
 Bishop, N. H.
 Brooks, A. (a)
 *Chapman, F. M. (b c)
 Cornish ch 11, 12
 *Coues
 Dawson (a)
 **Elliot, D. G. (c)
 Farnham, T. J. (b)
 Flag
 Forbush
 Fountain (c)
 *Hedin (k)
 Henshaw (d)
 Howell (a b)
 *Hudson (a)
 Huntington, D. W. (c)
 Lewis and Clark
 Linsdale (b)
 Lull (a)
 Lydekker (b) v 3, 4
 *Mackenzie, A.
 Morris
 *Nansen (c)
 Nuttall
 Peterson
 Reed
 **Ridgway
 Roberts
 Sheldon (b)
 Shiras (b)
 **Torrey (b)
 Vachell
 Weed (c)
 **Wetmore (b m)
 Wyman
 Zenzinov
- Swan, American Cygnus**
 Audubon
 Elliot, D. G.
 Lydekker (b) v.3, 4
See also Goose
- Swan, Australia Chenopsis atrata**
 Elliot, D. G.
- Swan, Bewick's Cygnus bewickii**
 Allen, G. M.
 Coues
 Elliot, D. G.
 Lydekker (b) v.3, 4
 Morris
 Ridgway
- Swan, Mute Olor olor**
 Elliot, D. G.
 Lydekker (b) v.3, 4
 Mann, W. M. (d)
 Morris
- Swan, Trumpeter Cygnus buccinator**
 Allen, A. A. (d)
 Andre
 Audubon
 Baynes (e)
 Beebe, W.
 Blackford
 Brooks, A. (a)
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Henshaw (d)
 Hornaday (c)
 Huntington
 Nuttall
 Parker, M. P.
 Reed
 Ridgway
 Woodroffe
 Wetmore (m)
- Swan, Whistling Cygnus columbianus**
 Brooks, A. (a)
 Chapman, F. M. (b)
 *Coues
 *Elliot, D. G.
 Hornaday (c)
 Huntington
 Lydekker (b) v.3, 4
 Nelson, E. W. (d)
 *Nuttall
 Reed
 Ridgway
 Roberts
 Shiras (c)
 Wyman
- Swan, White Cygnus, etc.**
 Coues
 Elliot, D. G.
- Swan, Whooping Cygnus cygnus**
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Nuttall
 Reed
 Ridgway
- Swift and Swiftlets Micropodidae**
 Allen, A. A. (d)
 Ball
 Baynes (e)
 Beebe, W. (d)
 Bible
 Chapman, F. M. (c)
 Dawson (a b)
 Dickey
 Forbush
 Jameson
 Job
 Henshaw (a c e)
 *Herrick (a)
 Lydekker (b) v.3, 4
 Mathews
 *Porter, G. S.
 Reed
 *Saunders
 Sharp ch.3
 *Torrey (a—h)
- Trafton**
 Weed (c)
 Wetmore (l)
- Swift, Chimney Chaetura pelagica**
 Ball
 Henshaw (e)
 Nelson, E. W. (d)
 Wetmore (l)
- Swift, Edible-nest Collocalia**
 Mjoberg ch.10
See also Food
- Tailor-bird Orthotomus sutorius**
 Beebe, W. (d)
- Tanager Thraupidae**
 Allen, A. A. (a b d)
 *Audubon
 Ball
 Baynes (c)
 *Beebe, W. (d)
 *Burroughs
 Chapman, F. M. (c)
 Dawson (a b)
 Dickey
 Figuier ch 7
 Finley, W. L.
 Flagg
 Forbush
 Friedmann (b)
 Henshaw (a e)
 Howell (a)
 Job
 Linsdale (b)
 Lydekker (b) v.3, 4
 Mathews
 Peterson
 *Porter, G. S.
 Reed
 Roberts
 Saunders
 **Scott, W. E. D.
 **Torrey (a c d e f g h)
 Weed
 Willett
 *Wilson, A.
 Wyman
- Tanager, Scarlet Piranga erythromelas**
 Ball
 Cooke, W. W.
 Henshaw (e)
- Tanager, Western Piranga ludoviciana**
 Ball
 Henshaw (e)
- Tattler Heteroscelis**
 Allen, A. A. (e)
 Bent (e)
 Dawson (a)
 Flagg
 Roberts
 Torrey (b)
- Teal duck Nettion, Querquedula, etc.**
 *Andrews, R. C. (d)
 **Audubon (d)
 **Baynes (e)
 **Bent (c e)
 Bishop, N. H.

- **Chapman, F. M. (b c)**
 Cory (e)
 Coues
 Dawson (a)
 Dodge (c)
 Figuier ch.2
 Forbush
 Gouldsbury (a)
****Guillemard**
****Hardy**
 Henshaw (d)
 Howell (a b)
 Huntington, D. W. (c)
 Lydekker (b) v.3, 4
 Morris
 Nelson, W. A.
***Peterson**
 Rice, W.
***Rich**
***Roberts**
***Sheldon (b)**
***Shiras (b)**
 Thomas, W. S. (b)
 Wilcox (b)
 Wyman
See also Duck
Teal, American green-winged *Nettion carolinense*
 Audubon
 Coues
 Elliot, D. G.
 Phillips
 Wyman
See also Duck
Teal, Blue-winged *Querquedula discors*
 Audubon
 Brooks, A. (a)
 Coues
***Elliot, D. G.**
 Henshaw (a d)
***Hornaday (c)**
 Huntington
 Nuttall
***Phillips**
 Reed
 Rich
***Ridgway**
 Wetmore (e)
 Wyman
Teal, Cinnamon *Querquedula cyanoptera*
 Bent
 Brooks, A. (a)
***Chapman, F. M. (b)**
 Coues
***Henshaw (a d)**
 Hornaday (c)
 Huntington
***Nuttall**
***Phillips**
 Reed
 Rich
 Wetmore (b)
 Wyman
Teal, European *Nettion crecca*
 Bent (e)
 Brooks, A. (a)
***Coues**
***Elliot, D. G.**
 Nuttall
 Phillips
 Rich
 Ridgway
Teal, European green-winged *Nettion crecca*
 Chapman, F. M. (b)
***Coues**
***Elliot, D. G.**
 Hornaday (c)
 Nuttall
 Reed
 Ridgway
 Wetmore (a)
Teal, Green-winged *Nettion carolinensis*
 Allen, G. M.
 Bent (c e)
 Brooks, A. (a)
***Chapman, F. M. (b)**
 Elliot, D. G.
 Henshaw (d)
***Huntington**
 Reed
 Rich
 Wyman
Teal, Mud *Nettion carolinensis*
 Elliot, D. G.
Teal, Red-breasted
 Cassin
 Rich
Teal, Red-headed *Nettion carolinensis*
 Coues
 Elliot, D. G.
 Phillips
Teal, Salt water *Erismatura*, etc.
 Elliot, D. G.
 Rich
Teal, Scotch *Charstonetta albeola*
 Elliot, D. G.
Teal, Spoonbill *Spatula clypeata*
 Elliot, D. G.
Teal, Summer *Querquedula*, etc.
 Coues
 Elliot, D. G.
 Phillips
Teal, Winter *Nettion carolinensis*
 Coues
 Elliot, D. G.
Tern *Sterna*
****Audubon**
 Barrett, C.
 Bartsch
 Beebe, W. (c d)
 Bent (e)
****Burroughs**
 Chapin, J. P. (c)
 Chapman, F. M. (c)
 Coker
 Dawson (a b)
 Dickey
 Finley, W. L.
 Forbush
 Grosvenor, G. (f)
 Henshaw (a e)
****Herrick (a c)**
 Horsfield
 Howell (a b)
 Job
 Lydekker (b) v.3, 4
 Mecking
 Mitchell, S. A.
 Morris
 Murphy, R. C. (a e g)
 Parker, M. P.
***Peterson**
 Reed
 Regan, C. T.
 Rhone
 Roberts
 Saunders
 Schwatka (c)
***Shiras (b c)**
 Simmons
 Torrey (b c)
 Townsend, C. W. (e f)
 Washburn
 Weed (c)
 Wetmore (k m)
***Wilson, A.**
 Wyman
Tern, Antarctic *Sterna vittata*
 Murphy, R. C. (g)
Tern, Arctic *Sterna paradisea*
 Audubon
 Bailey, W. L.
 Baird (e)
 Bent (e)
 Blackwood
 Boyd, L. A.
 Burg, A. (b) p.85, 93
 Chapman, F. M. (b)
 Cooke, W. W. (a b)
 Dawson (a b)
 Dennis, A. P. (b)
 Forbush
 Koelz
 MacMillan (c d e)
 Murphy, R. C. (g)
 Pettingill
 Regan, C. T.
 Shiras (f)
 Townsend, C. W. (e f)
 Twomey
 Westwood
 Wetmore (b) p.115
Tern, Black *Hydrochelidon nigra surinamensis*
 Baird (e)
 Bent (e)
 Chapman, F. M. (b k)
 Dawson (b)
 Forbush
 Henshaw (b)
 Howell (b)
 Nelson, E. W. (d)
 Oberholser
 Townsend, C. W. (e)
 Washburn
See also "Water swallow"
Tern, Cabot's *Thalasseus sandvicensis acufavidus*
 Baird (e)
 Chapman, F. M. (b)

- Tern, Caspian** *Hydroprogne caspia*
 Baird (e)
 Townsend, C. W. (e)
- Tern, Common or Sea swallow** *Sterna hirundo*
 Baird (e)
 Bent (e)
 Chapman, F. M. (b)
 Cleaves
 Townsend, C. W. (e f)
 Washburn
 Wetmore (m)
See also Mackerel gull
- Tern, Elegant** *Thalasseus elegans*
 Baird (e)
- Tern, Inca** *Larosterna inca*
 Bent (e)
 Chapin, J. P. (d)
- Tern, Least** *Sterna antillarum*
 Baird (e)
 Bent (e)
 Chapman, F. M. (b)
 Dawson (b)
 Forbush
 Howell (a b)
 Maslowski
 Murphy, R. C. (g)
 Townsend, C. W. (e)
- Tern, Love** *Gygis alba*[?]
 Gardner, I. C.
- Tern, Noddy** *Anous stolidus*
 Baird (e)
 Howell (a)
 Longley, W. H.
 Regan, C. T.
 Washburn
 Wetmore (m)
- Tern, Roseate** *Sterna dougalli*
 Baird (e)
 Chapman, F. M. (b)
 Townsend, C. W. (e f)
- Tern, Royal** *Thalasseus maximus*
 Baird (e)
 Bent (e)
 Chapman, F. M. (b)
 Cleaves
 Dawson (b)
 Forbush
 Henshaw (c)
 Murphy, R. C. (g)
 Nelson, E. W. (d)
- Tern, Sooty** *Sterna fuscata*
 Baird (e)
 Bent (e)
 Forbush
 Gardner, I. C.
 Kirkman
 LaGorce (c)
 Longley, W. H.
 Murphy, R. C. (d g)
 Wetmore (m)
- Thrasher** *Toxostoma*
 Ball
 Baynes (e)
 Beebe, W. (d)
 Chapman, F. M. (c)
 Friedmann (b)
 *Green
- Henshaw
 *Herrick (c)
 Kennard
 Mathews
 Nelson, E. W. (d)
 Pearson (b)
 *Porter, G. S.
 Reed
 Roberts
 **Scott, W. E. D.
 **Torrey (c e f g h)
 Trafton
 Weed (c)
 Wetmore
 Wilson, A.
- Thrasher, Bendire** *Toxostoma bendirei*
 Pearson (b)
- Thrasher, Brown** *Toxostoma rufum*
 Ball
 Pearson (b)
- Thrasher, California** *Toxostoma redivivum redivivum*
 Pearson (b)
- Thrasher, Crissal** *Toxostoma dorsale dorsale*
 Pearson (b)
- Thrasher, Leconte** *Toxostoma lecontei lecontei*
 Pearson (b)
- Thrasher, Sage, Desert** *Oreoscoptes montanus*
 Nelson, E. W. (c)
 Pearson (b)
- Thrush** *Turdidae*
 *Audubon
 Ball
 *Beebe, W. (d)
 *Burroughs
 Chapman, F. M. (c)
 Cooke, W. W.
 Dawson (a b)
 Dickey
 Figuier ch.7
 *Fitzsimons (a)
 Flag
 Forbush
 Friedmann (b)
 Green
 Henshaw (a e)
 **Herrick (a)
 Howell (a)
 Jameson
 Job
 Linsdale (a b)
 Mathews
 Pearson (b)
 *Peterson
 Reed
 Roberts
 Roy, L. C. (b)
 *Saunders
 Scott, W. E. D.
 ***Torrey (a c d e g)
 **Townsend, C. W. (b)
 Trafton
 Washburn
 Wetmore (m)
 Willett
- Wilson, A.
 *Wrangell p.62
 Wyman
- Thrush, Gray-cheeked** *Hylocichla minima aliciae*
 Ball
 Pearson (b)
- Thrush, Hermit** *Hylocichla guttata*
 *Audubon
 Ball
 Baynes (e)
 Burroughs
 Flag
 Job
 Lydekker (b) v.3, 4
 Mathews
 Nelson, E. W. (d)
 Pearson (b c)
 *Scott, W. E. D.
 *Torrey (b e)
 Weed (c)
- Thrush, Olive-backed** *Hylocichla ustulata swainsoni*
 Ball
 Pearson (b)
- Thrush, Varied** *Ixoreus naevius*
 Pearson (b)
- Thrush, Veery** *Hylocichla fuscescens fuscescens*
 Pearson (b)
- Thrush, Water** *Seiurus*
 Ball
 Henshaw (f)
- Thrush, Wood** *Hylocichla ustulata*
 *Audubon
 Ball
 Chapman, F. M. (k)
 Flag
 Henshaw (a e f)
 Job
 Mathews
 Pearson (b c)
 *Porter, G. S.
 *Scott, W. E. D.
 *Wilson, A.
- Tickbird** *Molothrus ater*
 Howell (a)
- Tinamou** *Tinamidae*
 Beebe, W. (d)
 Wetmore (m)
- Titlark** *Anthus*
 *Audubon
 Burroughs
 Herrick (a)
 Howell (a)
 Job
 Murphy, R. C. (e)
 Peterson
 Roberts
 *Torrey (b c f)
 Townsend, C. W. (b)
- Titmouse** *Paridae*
 *Audubon
 Ball
 Baynes (e)
 Burroughs
 Dickey
 Forbush

- Green
 Herrick (c)
 Howell (a)
 Mathews
 Mearns
 Pearson (c)
 Peterson
 *Porter, G. S.
 Reed
 Roberts
 Saunders
 *Scott, W. E. D.
 Shiras (b)
 *Torrey (a b c d e)
 Trafton
 Wetmore (h)
 *Wilson, A.
 Wyman
Titmouse, Black-crested *Baeolophus atricristatus*
 Wetmore (h)
Titmouse, Bridled *Baeolophus wollweberi annexus*
 Wetmore (h)
Titmouse, Plain *Baeolophus inornatus*
 Wetmore (h)
Titmouse, Tufted *Baeolophus bicolor*
 Wetmore (h)
Tomtit
 Ball
 Howell (a)
Toucan *Ramphastidae*
 Bates
 Bull, C. L.
 Chapman, F. M. (i)
 Church
 Fignier ch 6
 *Fitzsimons
 Fleming
 Fountain (b)
 *Guenther
 Hinde (b)
 Hingston (b)
 Lange (a)
 Lydekker
 *Rice, A. H.
 Shiras (h)
 Wetmore (m)
 See also Hornbill
Towhee, California, Brown
Pipilo crissalis
 Henshaw (e)
 Pearson (f)
Towhee bunting *Pipilo*
 Ball
 Dickey
 Finley, W. L.
 Friedmann (b)
 Henshaw
 Howell (a b)
 Job
 Linsdale (b)
 Mathews
 Nelson, E. W. (d)
 Pearson (f)
 Peterson
 Roberts
 *Saunders
 *Scott, W. E. D.
 *Torrey (a b c)
 Weed
 Willett
 *Wilson, A.
 Wyman
 See also Towhee
Tree-creeper *Certhiidae*
 Audubon
Trogon, Coppery-tail *Trogon ambiguus ambiguus*
 Wetmore (g)
Tropic-bird *Phaethontidae*
 Audubon
 Bcebe, W. (c)
 Chapin, J. P. (c)
 Gardner, I. C.
 Lydekker (b) v.3, 4
 Murphy, R. C. (a d f g)
 Wetmore (k m)
Trumpeter Swan
 See Swan, Trumpeter
Trupial *Icterus*
 Audubon
 Bonaparte v 1
Turkey *Meleagris*
 Dawson (a b)
 Forbush
 Howell (a b)
Turkey, Bronze *Meleagris gallopavo*
 Elliot, D. G.
Turkey, Eastern, Wild *Meleagris silvestris*
 Bent
 Coues
 Elliot, D. G.
Turkey, Elliot's Rio Grande or Texas *Meleagris intermedia*
 Coues
 Elliot, D. G.
Turkey, Florida, Wild *Meleagris oscarola*
 Bent
 Chapman, F. M. (b)
 Elliot, D. G.
 Scott, W. E. D.
Turkey, Jungle, Bush
 Dyott (c)
 Gregory, H. E.
 Wetmore (m)
Turkey, Mexican *Meleagris merriami*
 Baird (b)
 Bent (c)
 Coues
 Elliot, D. G.
 Lydekker (b) v.3, 4
 Ridgway
Turkey, Northern wild *Meleagris silvestris*
 Elliot, D. G.
Turkey, Ocellated *Agriocharis ocellata*
 Elliot, D. G.
 Hornaday (c)
 Kingston
 Lydekker (b) v.3, 4
 Ridgway
 See also Honduras
Turkey, Scrub *Megapodidae*
 Wilkins, G. H.
 See also Australia
Turkey, Water *Anhinga anhinga*
 Bent
 Chapman, F. M. (b c)
 Cory (e)
 Holt
 Howell (a b)
 Moore, W. R. (d)
 Torrey (c)
 See also Snake-bird;
 Darter
Turkey, Wild *Meleagris gallopavo*
 Adams, H. C. (e)
 Allen, G. M.
 Audubon (a d)
 Bailey, W. L.
 Baird (b)
 *Beebe, W. (d)
 Bicknell
 Bonaparte v.1
 Boone
 *Burroughs
 *Carvallio
 *Chapman, F. M. (b)
 Coues
 Dawson (a b)
 *Dodge (c d)
 *Elliot, D. G. (b)
 Farnham, E. W.
 Figuier ch.5
 Flack (b)
 Flagg
 Fleming
 Fountain (b)
 Gerstaecker
 Gillmore (b j)
 *Green
 Grinnell
 Henshaw (a d)
 *Hornaday (c)
 Huntington (a c)
 Jardine
 Job
 Jull
 Kingston
 Lydekker (b) v.3, 4
 Mann, W. M. (d)
 *Marcy (b)
 Nuttall
 Peterson
 *Pike, Z.
 Ready
 Reed
 Ridgway
 Roy, L. C. (a)
 Rutledge
 Sandys ch.24
 Scott, W. E. D.
 Singer
 Torrey (c d)
 **Townsend, C. W. (e)
 Wallace, D. (c)
 **Wetmore (d m)

Turkey, Wild—Continued

- **Wilson, A.**
 Wyman
Turnstone, Black *Arenaria melanocephala*
 Allen, A. A. (c)
 Audubon
 Baynes (c)
 Beebe, W. (c)
 Figuier ch.4
 Forbush
 Henshaw (d)
 Lydekker (b) v.3, 4
 Murphy, R. C. (a)
 Reed
 Roberts
 Shiras (b c)
 Torrey (b)
 Willett
 Wilson, A.
 Wyman
Turnstone, Ruddy *Arenaria interpres morinella*
 Allen, A. A. (e)
 Henshaw (d)
Umbrella bird *Cephalopterus*
 Bates
 Beebe, W. (d)
 Holt, E. G. (b)
Unicorn bird *Anhima cornuta*
 Bates
Veery *Hylocichla fuscescens fuscescens*
 Ball
 Dawson (a)
 Henshaw (e)
 Howell (a)
 Washburn
See also Thrush
Vireo *Vireonidae*
 Allen, A. A. (c)
***Audubon**
 Ball
 Baynes (e)
 Beebe, W. (d)
***Burroughs**
 Chapman, F. M. (c)
 Dawson (a b)
 Dickey
 Flagg
 Forbush
 Friedmann (b)
 Henshaw (a e)
***Herrick (a c)**
 Howell (a b)
 Job
 Linsdale (b)
 Mathews
 Peterson
***Porter, G. S.**
 Reed
 Roberts
 Saunders
***Scott, W. E. D.**
****Torrey (a b c d)**

- Trafton**
 Weed (c)
 Willett
 Wyman
Vireo, Blue-headed *Vireo solitarius*
 Allen, A. A. (c)
Vireo, Hutton's *Vireo huttoni huttoni*
 Allen, A. A. (c)
Vireo, Least *Vireo belli pusillus*
 Allen, A. A. (c)
 Oberholser
Vireo, Red-eyed *Vireo olivaceus*
 Allen, A. A. (c)
 Henshaw (e)
Vireo, Warbling *Vireo gilvus*
 Allen, A. A. (c)
 Ball
Vireo, White-eyed *Vireo griseus*
 Allen, A. A. (c)
 Ball
Vireo, Yellow-throated *Vireo flavifrons*
 Allen, A. A. (c)
 Ball
 Henshaw (e)
Vulture *Cathartidae*
***Audubon**
 Baynes (e)
 Bible
 Dawson (a b)
 Dickey
 Figuier ch.8
 Fitzsimons (a)
 Forbush
***Green**
 Haardt (c)
 Howell (a b)
 Job
 Peterson
 Reed
 Roberts
 Shiras (b)
 Smith, H. H.
***Torrey (b d h)**
 Van Dyke p.193
 Wetmore (m)
 Wilson, A.
Vulture, Black *Coragyps atratus*
 Allen, G. M.
 Andrews, R. C. (g)
 Audubon (d)
 Bailey, A. M.
 Farnham, T. J. (b)
 Lydekker (b) v.3, 4
 Murphy, R. C. (a)
 Reed
 Scott, W. E. D.
 Weed (c)
 Wetmore (b i m)
Vulture, Turkey *Cathartes*
 Allen, G. M.
***Audubon**
 Baird (b)
 Bates
***Beebe, W. (c d)**

- Chadwick (a)
 Chapman, F. M. (c)
 Cott
 Farnham, T. J. (b)
 Fountain (b)
 Friedmann (a)
***Hedin (b)**
 Lydekker (b) v.3, 4
 Morris
 Murphy, R. C. (a)
***Percival**
 Reed
***Scott, W. E. D.**
***Selous, F. C. (e)**
 Shiras (g)
 Simpich (g)
***Wetmore (b i m)**
 Wyman
See also Buzzard
Wagtail *Motacillidae*
 Audubon
 Beebe, W. (d)
 Burroughs
 Figuier ch.7
 Forbush
 Horsfield
 Jameson
 Lydekker (b) v.3, 4
 Reed
 Saunders
 Scott, W. E. D.
 Sharp, C. T.
 Wyman
Wailing bird *Aramus*
 Bailey, A. M.
See also Courlan; Limpkins
Waldrapp or Wood-crow *Corvus sylvaticus*
 Ley, W.
See also Ibis, Egyptian
Warbler *Compothlypidae or Sylviidae*
 Allen, A. A. (d)
 Audubon
 Ball
 Baynes (e)
 Beebe, W. (c d)
 Bewick
 Bonaparte v.1
 Burroughs
 Chapman, F. M. (c f)
 Dawson (a b)
 Dickey
 Figuier ch.7
 Finley, W. L.
 Flagg
 Forbush
 Friedmann (b)
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 Gregory, H. E.
 Hanna, G. D.
 Harper
 Heilprin (a)
 Henshaw (a b e f)
 Herrick (a c)
 Howell (a b)
 Jameson
 Job
 Linsdale (b)

- Lydekker (b) v.3, 4
 Mathews
 Mearns
 Peterson
 Porter, G. S.
 Reed
 Roberts
 Roy, L. C. (b)
 Saunders
 Scott, W. E. D.
 Shiras (b)
 Simmons
 Torrey (a b c e f g h)
 Townsend, C. W.
 Trafton
 Washburn
 Weed (c)
 Wetmore (m)
 Willett
 Wilson, A.
 Wyman
- Warbler, Audubon's** *Dendroica auduboni*
 Allen, A. A. (d)
 Henshaw (e f)
- Warbler, Black and White** *Mniotilta varia*
 Henshaw (e f)
- Warbler, Black-poll** *Dendroica striata*
 Ball
 Cooke, W. W.
 Henshaw (f)
- Warbler, Blue-winged** *Verreauxia pinus*
 Ball
 Henshaw (f)
- Warbler, Connecticut** *Oporornis agilis*
 Cooke, W. W.
- Warbler, Golden-winged** *Verreauxia chrysoptera*
 Ball
 Henshaw (f)
- Warbler, Kentucky** *Oporornis formosus*
 Henshaw (f)
- Warbler, Kirtland's or Jack-pine** *Dendroica kirtlandi*
 Gross, M. E.
- Warbler, Orange-crowned** *Verreauxia celata celata*
 Henshaw (f)
- Warbler, Palm** *Dendroica palmarum palmarum*
 Ball
 Cooke, W. W.
 Henshaw (f)
- Warbler, Pine** *Dendroica vigorsii*
 Ball
 Henshaw (f)
- Warbler, Prairie** *Dendroica discolor*
 Henshaw (f)
- Warbler, Prothonotary** *Protonotaria citrea*
 Harper
- Warbler, Red-faced** *Cardellina rubrifrons*
 Henshaw (f)
- Warbler, Tennessee** *Verreauxia peregrina*
 Henshaw (f)
- Warbler, Worm-eating** *Helminthophila vermivorus*
 Henshaw (f)
- Water-birds**
See Sea birds
- Water-hen** *Fulica americana*
 Coues
 Fleming
 Fountain (d)
 Horsfield
 Lydekker (b) v.3, 4
See also Coot
- Water-ousel**
See Ouzel; Dipper
- Water-turkey**
See Turkey
- Waxbill** *Estrilda*
 Beebe, W. (d)
 Simmons
 Wetmore (o)
- Waxwing** *Bombicilla*
 Allen, A. A. (c)
 **Audubon
 Ball
 *Baynes (e)
 *Bonaparte v.3
 *Chapman, F. M. (c)
 Dawson (a b)
 *Dickey
 Forbush
 Green
 Henshaw (e)
 Herrick (a)
 Job
 Lydekker (b) v.3, 4
 Mathews
 *Peterson
 Porter, G. S.
 Reed
 Roberts
 Saunders
 Scott, W. E. D.
 Shiras (d)
 *Torrey (a f h)
 Weed
 Wyman
- Waxwing, Bohemian** *Bombicilla garrula pallidiceps*
 Allen, A. A. (c)
 Ball
- Waxwing, Cedar** *Bombicilla cedrorum*
 Allen, A. A. (c)
 Ball
 Henshaw (e)
 Washburn
 Williams, H. S.
- Weaver-bird** *Ploceidae*
 Cumming, C. F. G. (c)
 Figuier ch.7
 Herrick (c)
 Jameson
 Lydekker (b) v.3, 4
 Mearns
 Murphy, R. C. (d)
 Symington p.169
- Talbot, P. A.
 Torday (b)
 Wetmore (o)
- Wheat-thrasher** *Oenanthe cornish* ch.1
 Forbes
- Whip-poor-will** *Antrostomus vociferus*
 *Audubon
 Baynes (e)
 Flagg
 Henshaw (a e)
 Horsfield
 Howell (a)
 Job
 Lydekker (b) v.3, 4
 Mathews
 *Porter, G. S.
 Reed
 *Roberts
 Sharp ch.2
 **Torrey (a e f g h)
 Washburn
 Weed (c)
 Wetmore (l)
 **Wilson, A.
 Wyman
- Whiskey Jack** *Perisoreus canadensis*
 Mathews
 Outram
 Peterson
 Roberts
 Shiras (b)
See also Canada jay and Moosebird
- Whydah, Paradise** *Steganura paradisaea*
 Wetmore (o)
- Widgeon** *Mareca*
 Allen, G. M.
 **Audubon
 Bent (c)
 Brooks, A. (a)
 **Chapman, F. M. (b)
 Dawson (a)
 Forbush
 Fountain (c)
 Hardy
 Henshaw
 Howell (a)
 *Huntington, D. W. (c)
 Lydekker (b) v.3, 4
 Morris
 Parker, M. P.
 Reed
 Roberts
 St. John, J. A.
 Vachell
 *Wetmore (a b)
 Wyman
- Widgeon, American** *Mareca americana*
 Audubon
 Chapman, F. M. (b)
 Coues
 Elliot, D. G.
 Huntington
 Morris

Widgeon, American—Cont.

*Nuttall
*Phillips
Reed

Widgeon, Bald-pate *Mareca*

americana

Elliot, D. G.
Huntington
Phillips

Widgeon, European *Mareca penelope*

Bent
Chapman, F. M. (b)
Coues
Elliot, D. G.
Henshaw (d)
Nuttall
Phillips

Widgeon, Gray *Chaulelasmus streperus*

Coues
Elliot, D. G.

Widgeon, Green-headed *Mareca americana*

Coues
Elliot, D. G.
Phillips

Widgeon, Wood *Dendrocygna autumnalis*

Elliot, D. G.
Phillips

Willet *Catoptrophorus semipalmatus semipalmatus*

Allen, A. A. (e)
Forbush
Henshaw (d)

Willet, Western *Catoptrophorus semipalmatus mornatus*

Allen, A. A. (d)

Woodcock *Philohela minor*

Chapman, F. M. (k)
Forbush
Henshaw (d)
Oxholm
Wetmore (m)

Woodpecker *Picidae*

*Audubon
Ball
Baynes (e)
Bentley, R. ch.17
*Bewick
Bonaparte v.1
*Burroughs
Chapman, F. M. (c)
Cornish ch 2
Dawson (a b)
Dickey
*Fitzsimons (a)
Flagg
Forbush
Friedmann (b)
Green
Hanna, G. D.
Henshaw (a c)
**Herrick (a c)
Howell (a b)
Jameson
Job

Johnston, H. H. (l)
Linsdale (a b)
Lydekker (b) v.3, 4
Mathews
Nelson, E. W. (c d)

*Peterson
Porter, G. S.
Reed
Roberts
Roy, L. C. (a)
*Saunders
*Scott, W. E. D.
*Sharp ch.7
*Shiras (b)
Simmons
**Torrey (a—h)
Trafton
Wetmore (m)
Willett
Wilson, A.
Wyman

Woodpecker, American three-toed *Picoides tridactylus bacatus*

Brooks, A. (b)

Woodpecker, Arctic three-toed *Dryobates arcticus*

Brooks, A. (b)

Woodpecker, Arizona *Dryobates arizonae arizonae*

Brooks, A. (b)

Woodpecker, California *Balanophyra formicivora bairdi*

Brooks, A. (b)
Henshaw (e)

Woodpecker, Downy *Dryobates pubescens*

Ball
Brooks, A. (c)
Henshaw (b)

Woodpecker, Gila *Centurus uropygialis*

Brooks, A. (b)
Huey

Woodpecker, Golden-fronted *Centurus aurifrons*

Ball
Brooks, A. (b)

Woodpecker, Hairy *Dryobates villosus*

Ball
Brooks, A. (b)

Woodpecker, Ivory-billed *Campephilus principalis*

Allen, A. A. (d)
Brooks, A. (b)

Woodpecker, Lewis *Asyndesmus levisi*

Brooks, A. (b)

Woodpecker, Nuttall's *Dryobates nuttalli*

Brooks, A. (b)

Woodpecker, Pileated *Ceophloeus pileatus*

Brooks, A. (b)

Woodpecker, Red-bellied *Centurus carolinus*

Ball
Brooks, A. (b)

Chapman, F. M. (k)
Shiras (c)

Woodpecker, Red-cockaded *Dryobates borealis*

Brooks, A. (b)

Woodpecker, Red-headed *Melanerpes erythrocephalus*

Ball
Brooks, A. (b)
Henshaw (e)

Woodpecker, Red-shafted *Colaptes cafer*

Brooks, A. (b)

Woodpecker, Texas *Dryobates scalaris symplectus*

Brooks, A. (b)

Woodpecker, White-headed *Dryobates albolarvatus*

Brooks, A. (b)

Woodpecker, Yellow-shafted *Colaptes auratus*

Brooks, A. (b)

Wood-warbler *Compsothlyptidae*

Audubon

Wren *Troglodytidae*

Allen, A. A. (a—e)

*Audubon
Ball
Baynes (e)
Beebe, W. (d)
Bent (e)
Bewick
*Burroughs
*Chapman, F. M. (c)
Dawson (a b)
Dickey
Figueroa ch 7
Finley, W. L.
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Forbush
Friedmann (a)
*Green
Henshaw
*Herrick (a c)
Howell (a b)
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Lydekker (b) v.3, 4
Mathews
Murphy, R. C. (c)
Peterson
Porter, G. S.
Reed
*Roberts
Roy, L. C. (a b)
**Saunders
**Scott, W. E. D.
**Torrey (a b c d e f g)
Townsend, C. W. (b)
Trafton
Washburn
Weed (c)
Wetmore (m)
Willett
Wilson, A.
Wyman
Wren, Bewick's *Thryomanes bewicki*
Wetmore (h)

- Wren, Cactus** *Heleodytes brunneicapillus*
 Henshaw (c)
 Nelson, E. W. (c)
 Oberholser
 Pearson (c)
 Wetmore (h)
- Wren, Cañon** *Catherpes mexicanus*
 Wetmore (h)
- Wren, Carolina** *Thryothorus ludovicianus*
 Ball
 Harper
 Pearson (c)
 Wetmore (h)
- Wren, Florida** *Thryothorus ludovicianus miamensis*
 Allen, A. A. (d)
- Wren, House** *Troglodytes aedon*
 Ball
 Henshaw (b)
 Pearson (c)
 Wetmore (h)
- Wren, Long-billed marsh** *Telmatoodytes palustris*
 Wetmore (h)
- Wren, Rock** *Salpinctes obsoletus*
 Wetmore (h)
- Wren, Short-billed marsh** *Cistothorus stellaris*
 Wetmore (h)
- Wren, Winter** *Nannus hiemalis*
 Ball
 Wetmore (h)
- Yellow-bird** *Dendroica aestiva*
 Beebe, W. (d)
 Chapman, F. M. (f)
 Dawson (a)
 Mathews
 Peterson
 Roberts
 Wilson, A.
- Yellow-hammer** *Colaptes auratus*
 Burroughs
 Chapman, F. M. (k)
 Dawson (b)
 Forbush
 Howell (a b)
 Job
 Mathews
 Peterson
 Roberts
 Shiras (b)
 See also Flicker
- Yellow-legs** *Totanus*
 Forbush
 Henshaw
 Howell (a)
 Job
 Peterson
 Reed
 Torrey (b c f)
 Willett
- Yellow-legs, Greater** *Totanus melanoleucus*
 Allen, A. A. (e)
 Henshaw (d)
- Yellow-legs, Lesser** *Totanus flavipes*
 Allen, A. A. (e)
 Henshaw (d)
- Yellow-throat** *Geothlypis trichas*
 Burroughs
 Chapman (f)
 Dickey
 Henshaw (f)
 Job
 Mathews
 Porter, G. S.
 Reed
 Saunders
 Scott, W. E. D.
 Torrey (e)
 Weed (c)
 Wyman

Section 10. Division 8. MAMMALS

The mammal division, as it appeared in the first edition of this compilation, has been largely extended in scope especially as to primates and other important species. The scientific terms as originally used have been criticized and modernized by Dr. Remington Kellogg, authority on mammalogy and assistant curator in the U. S. National Museum.

Mammals appear to be the best known division of Zoology and the individual life histories of the larger species have been extensively published. Records, however, are deficient as to two of the most beautiful felines, the clouded leopard and marbled cat. It appears that no recognized authority has had field contact with these two allied feline species and that their life histories are practically unknown. This is the only notable gap found in mammalogical records. The available literature on the subject is referred to in the proper places.

It being intended that this compilation refer only to authors, who give the information sought, a supplement in pamphlet form, entitled "A Monograph of *Neofelis Nebulosa* and *Pardofelis Marmorata*, or the Clouded Leopard and the Marbled Cat," was issued in connection with the publication of the first edition of the INDEX-GUIDE.

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Adams, James Capen

Adventures as a grizzly bear hunter.

Akeley, Carl E.

Four titles on mammals the author found while hunting in Africa, especially for elephants.

Andersson, Charles John

Four titles on the pursuit of large mammals in Africa.

Andrews, Roy Chapman

Eight titles of experiences contacting mammals found mostly in Central Asian provinces.

Anthony, Harold E.

Field book of North American mammals 1928

Mammals of America. 1917

Over trail and through jungle in Ecuador 1921

Baillie-Grohman, William A.

Seven titles of experiences with large mammals in Europe and North America.

Baker, Sir Samuel W.

Six titles with first-hand impressions of large mammals in Asia, Africa, Europe and North America.

Blanford, William T.

Two titles on observations of the mammals of Asia and Africa.

Bock, Carl A.

Three titles especially on zoology of Southeast Asia, islands and mainland.

Bradley, Mary Hastings

Four titles of a woman's experiences with large mammals. 1922-29

Bryden, Henry A.

Six titles on African big game, mostly in South Africa.

Carter, William Harding

The story of the horse. 1923

Cooper, Merian C.

The warfare of the jungle folk. 1928

Dodge, Richard I.

Four titles of animal experiences on the Great Plains of Western United States

Du Chaillu, Paul B.

Six titles, including much gorilla experience in West Equatorial Africa.

Dugmore, A. Radclyffe

Six titles on large mammals, five on African and one on North American.

Eardley-Wilmot, Sainthill

Three titles on large mammals, two of them monographs on the tiger and elephant respectively.

Elliot, Daniel Giraud

Four titles on North American mammals.

Fitzsimons, F. W.

The monkeyfolk of South Africa. 1924

Forsyth, James

The highlands of Central India. (mammals) 1919

Fountain, Paul

Four titles, two each on North and South America

Galton, Francis

Narrative of an explorer in tropical South Africa, and Sport in Damaraland—two titles.

Garner, R. L.

Speech of monkeys. 1892

Gillmore, Parker

Fourteen titles giving experiences in contact with the mammals of Europe, Asia, Africa and America.

Gouldsbury, Cullen

Four titles of Asian and African mammal experiences published from 1911-1915.

Gregory, Herbert E.

Lonely Australia: the unique continent. 1916

Grinnell, George Bird

Three titles on North American big game animals.

Holder, Charles F.

Five titles in relation to large mammals of land and sea.

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The American natural history and three other titles, one of them on Indian mammals.
- Hudson, William H.**
Idle days in Patagonia. 1917
Naturalist in La Plata. 1922
- Johnson, Martin E.**
Five titles devoted chiefly to the large African mammals.
- Johnston, Harry H.**
Eight titles on the big game of Africa.
- Koelz, Walter N.**
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- Lange, Algot.**
In the Amazon Jungle. 1912
- Leveson, Henry A.**
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Unknown Mexico: a record of five years exploration. 1902
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New natural history. 1891
6 volumes; and eight other titles on game mammals of many lands.
- Lyell, Denis D.**
Seven titles of books on African species, especially large beasts in South Africa.
- Mann, William M.**
Around the world for animals. 1938
Monkey folk. 1938
Wild animals in and out of the zoo. 1930
- Marcy, Randolph B.**
The prairie traveler and three other books of personal experiences in natural history "out west" in the U. S.
- Maugham, R. C. F.**
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- Millais, John G.**
Eight titles on the large mammals of many lands, one of them on the life of F. C. Selous, great explorer and hunter. 1919
- Mitchell, William**
Tiger hunting in India. 1924
- Mjoberg, Eric**
Account of eight years spent in the Malay Archipelago.
- Moore, W. Robert**
Beyond Australia's cities. 1936
- Morden, William J.**
Six titles of accounts of the large mammals collected in Central Asia.
- Murphy, R. C.**
South Georgia, an outpost of the Antarctic. 1922
Antarctic zoogeography. 1928
- Nansen, Fridtjof**
Five titles relating to mammals found in the Arctic regions.
- Nelson, E. W.**
Land of drought and desert—Lower California. 1911
Wild animals of North America. 1918
- Nelson, W. A.**
Reelfoot, an earthquake lake. 1924
- Newall, James T.**
Scottish moors and Indian jungles (1889) and two other titles on large game animals.
- Osgood, Wilfred H.**
Six titles, two relating to mammals of Ethiopia and four on the fauna of Alaska and the Yukon.
- Phillipps-Woolley, Clive.**
Seven books on the author's mammal experiences in the Eastern and Western hemispheres.
- Pollock, A. J. O.**
Four books, devoted chiefly to sporting events with large beasts in India.
- Rice, Alexander Hamilton.**
Brazilian experiences in 1924.
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Tiger shooting in India 1850-55 and a second title, Indian game.
- Roosevelt, Theodore**
Twelve stories on big game experiences, chiefly mammals of North America, Africa and, South America, later.
- Roy, Leonard C.**
In the White Mountains. New Hampshire. 1937
- Saint-Cricq, Laurent**
Travels in South America. 1875
- Sanders, Alvin H.**
The taurine world Cattle and their place in the human scheme. 1925
- Schillings, C. G.**
Two books on photographing wild mammals found in African jungles.
- Selous, Frederick Courteney**
Lifetime familiarity with large mammals told in eight books, chiefly on Africa.
- Shakespear, Henry**
Wild sports of India. 1860
- Sheldon, Charles**
Three titles devoted to the study of the wild animals of Alaska and environs.
- Shiras, George 3d**
Wild life of Lake Superior, past and present. 1921
The white sheep and giant moose and smaller game of Kenai Peninsula, Alaska. 1912
Wild animals that took their own pictures. 1913
- Stebbing, Edward P.**
Three titles from a hunter-naturalist, visiting the Indian game fields, published in 1911, 1912, 1920.
- Stefansson, V.**
Observations of Arctic mammals recorded in four book titles on exploration
- Stuck, Hudson**
Winters spent in Alaska beginning in 1904 told in three books.

Townsend, Charles W.

Zoological experiences related in five books, four on Labrador and one on South America from Panama to Patagonia in 1928.

Wells, James W.

Three thousand miles through Brazil. 1886

Seventeen years spent there.

White, Stewart Edward

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Whitney, Caspar

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Wrangell, Admiral Ferdinand

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Yerks, Robert M.

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| Aitkens | **Gill, W. | McConnochie (a b) |
| **Allen, J. A. (a—e) | **Gordon-Cumming, R. | *MacCreagh |
| Anderson, A. J. | Grenfell (c) ch.12 | **McCutcheon |
| Annxter | **Guenther, K. | McDermott, F. |
| Ansorge | ***Guillemard (a) | McGuire |
| Aristotle | Haagner | *Mcintyre |
| Armstrong, A. p 601 | Hall, C. F. | ***Mackenzie, A. |
| Bailey, V. (a b c) | ***Hardy, C. | **Macnie |
| Bairnsfather | Harmon, D. W | **Madeira |
| Baker, Stuart | Harting | Mallet-Veale |
| Balfour | **Hedin (b k) | *Markham, F. |
| Ballou | Hegner | *Maxwell, G. |
| Barclay, E. N. | **Heilprin (b) | Maxwell, M. |
| Barras, J. (a b) | **Hingston (a b c) | *Mayden |
| Baynes (a—e) | **Hoefler | Mayer |
| *Bewick (a c) | Hose | Mayo |
| Bible | **Huntington (b) | **Meakin (a b) |
| Birket-Smith | **Jackson, F. G. | Mecking |
| Bisset | **Jackson, F. J. (a—d) | Meikle |
| Black, W. T. | James, F L. p 261 | Methuen |
| Borden | Jardine | Miller, G. S |
| Bourke | Jerdon | Millett |
| Boyd, L. A. | **Johansen | **Mills (a—e) |
| Brinckman | Johnson, I. C. | Mosse |
| Buckley, C. | *Jones, C. J. | Mundy |
| *Byam | Jordan, J. A. | Murdock (a b c) |
| Byrd | | *Murphy, E. R. |
| Carpenter, D. A | *Kearton | Murray, J. A. (a c) |
| Carruthers (a b) | Kellogg, R | Neves |
| Caton | **Kennedy, E. B. | **Newall, D. J. F. |
| *Chadwick (a—d) | Kennion (a—c) | Newbolt |
| Chidester | Kinloch | Nicholson |
| Comeau | Kinnear | *Nilsson |
| Cott | Kipling | *Norden (a) |
| Daglish (a) | *Kirby (a b) | ***Nordenskiöld |
| Digby | ***Kittenberger | Nordenskiöld |
| **Dodge, T. A. | | ***Nuttall (a) |
| Drummond | **Lamont, James | Osborn, H. F. |
| Edwards | Lardner | *Ossendowski |
| Fenton | Latham, A. E. | Owen, R. |
| Flack | Lawson | Paez |
| ***Fraser, D. C. | Lee, Mrs. | Parry |
| Fraser, J. B. (c d) | Letcher, O. | Patillo |
| Fyleman | LeVaillant | *Patterson |
| **Gadow | ***Leveson (a—d) | Pearce |
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| | Lull | **Pickett |

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 Porter, J. H.
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 Protheroe
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 Schlaikjer
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 Senha
 *Serpa-Pinto
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 *Shelford
 **Shields

*Shiras (b)
 **Singer
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 Squier (c)
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 Stockley (a—d)
 **Sutherland
 Sutton, G. M.
 **Sutton, R. L. (a—e)
 Sverdrup
 Swayne
 **Sykes, C. A.
 Symington
 Tangye (b)
 Thom
 *Thomas, B.
 Thomas, W. S.
 Thompson-Seton
 Thomson, Joseph (a b)
 **Tjader
 **Torday
 Tourneur

**Treatt, Mrs.
 *Trinkler
 Turi
 Tyacke, Mrs.
 Vachell
 **Vambery
 Vivian
 Von Hagen
 *Vosse
 Wallace, A. R.
 **Wallace, D.
 Wallihan (a b)
 **Ward, H.
 Wardrop
 Webb, W. E.
 **Wellby (a)
 **Wells, C. (a b)
 ***Whitehead, J.
 **Whitney, H.
 Wilkins
 William, Prince
 Willoughby
 *Wilson, A.
 Wright, J. K.
 **Youngblood, F.
 Zahm (a b)
 See also
 Antelope; Bear; Cat;
 Deer; Gazelle; Goat;
 Ox; Sheep, etc.

MAMMALS

- Aard-vark** *Orycteropus afer*
 Cardinal
 Fitzsimons (a)
 Heller (b)
 Hornaday (c)
 Kittenberger
 *Lydekker (b)
 MacCreagh
 Miller, G. S. (b)
 Slater
- Addax** *Addax nasomaculatus*
 Ansoorge ch.18, 19
 Brocklehurst
 Jardine
 *Leveson (d)
 Lydekker (a—i)
 Wood (Bible)
See also Antelope; Arabia
- Agouti**, *Guatuss* *Dasyprocta*
 Beebe, W.
 Chapman, F. M. (j)
 Darwin
 Dyott, G. M. (c)
 Fountain (b d)
 Kingston
 Mann, W. M. (d)
 Ober
 Shiras
 Sumpich (g)
 Smith, H. H.
 Wells, J. W.
- Alpaca**
 Adams, H. C. (b)
 Bingham, H. (c e)
 Fountain (b)
 Kingston
 Means, P. A.
 Townsend, C. W. (d)
 Tschudi
- Angora goat**
 Fraser, J. B. (d)
See also Goat
- Anoa** *Anoa*
 Guillemard
 Lydekker
 Mann, W. M. (b)
See also Celebes; Wild-ox
- Ant-bear** *Orycteropus*
 Gadow
 *Gouldsbury
 *Maugham (c)
 Ossendowski
 Oswald
 Schillings
 Sykes, C. A.
 Wells, C. (a)
 Wells, J. W.
See also Bear
- Ant-eater**
 Adams, H. C. (c)
 Anthony (c)
 Cooper, M. C. (a)
- Crampton, H. E.
 Gregory, H. E.
 Miller, G. S. (b)
 Schlaikjer
 Schurz
 Von Hagen (d)
- Ant-eater, Egg-laying**
 Barbour, T. (b)
- Ant-eater, Giant** *Myrmeco-*
phaga tridactyla
 Fletcher ch.23
 Lydekker
 Roosevelt, T. (i)
 Slater
 Tate, G. H. H.
 Von Hagen (d)
- Ant-eater, Little silky** *Cy-*
clopes
 Von Hagen (d)
- Ant-eater, Scaly**
 Adams, A.
 Andre
 Baldwin, W. C.
 Bates
 Beebe, W. (b)
 **Bock (b c)
 Church
 Cumming, C. F. G. (c)
 *DuChailu (g, ch 6)
 Fountain (b, d)
 *Johansen
 Johnston, H. H. (e—1)
 Kingston
 McDermott
 **Roosevelt, T. (i)
 Thompson
See also Pangolin and
 other species
- Antelope**
See
 Addax; Beisa;
 Black-buck; Blaubbok;
 Blessbok; Blue-bull;
 Bohor; Bongo;
 Bontebok; Bubale;
 Buhaline; Bush-buck;
 Defassa; Dibitag;
 Dik-dik; Duiker; Eland;
 Four-horns; Gemsbok;
 Gerenuk; Gnu; Goral;
 Granti; Grysbock;
 Harnessed;
 Hartebeeste; Impala;
 Inyala; Kambing;
 Kanchil; Klipspringer;
 Kob; Kongoni; Konzi;
 Koodoo; Maarif;
 Nakong; Nellut;
 Nilgai; Nyala; Nyika;
 Okapi; Oribi; Orongo;
 Oryx; Ourebi;
 Prong-horn; Przewal-
 ski; Puku;
 Pygmy; Reed-buck;
 Reitbok; Rhebok;
 Roan; Royal; Sable
 antelope;
 Saiga- ; Saisan;
 Sassaby; Serow;
 Sing-sing;
 Situtunga; Springbok;
 Steinbok; Subgutturosa;
 Sunu; Takin; Thomas
 Cob; Tibetana; Topi;
 Tora; Waterbuck;
 Wildebeeste
- Antelope, Africa**
 Bible
 Burbridge (b)
 Burchell
 Cardinal
 Cotton
 Doughty
 Dowsett
 DuChailu (f)
 Dunmore
 ***Eardley-Wilmot
 Gouldsbury (a)
 Jackson, F. J. (b c)
 Jardine
 Johnson, I. C.
 Kittenberger
 ***Leveson (d)
 Lloyd, A. B. (a)
 ***Lydekker (a—i)
 Lyell (a—1)
 McCutcheon
See also Antelope species
- Antelope, Asia**
 ***Andrews, R. C. (e)
 Atkinson (b)
 Burton, R. G. (b)
 Cumming, G.
 ***Eardley-Wilmot
 Forbes, H. C.
 Fraser, D. C. (b)
 Fraser, J. B. (c)
 Hamilton, D.
 Hedin (k c)
 Huc
 Kinloch
 **Leveson (d)
 ***Lydekker (a—i)
 Mann, W. M. (d)
 Pollock (a)
 Polo, M.
 Reid
 Rockhill
 Ronaldshay
See also Antelope species
- Antelope, Tibet**
 Kinloch
 Lydekker (a—i)
See also Chiru; Puffy-
 nose
- Anthrophophagi**
See Lion; Man-eater;
 Panther; Tiger
- Aoudad, or Arui**
 Buxton
 Lydekker (a—i)
 Mann, W. M. (d)
 Meakin (b)
See also Atlas Mts.;
 Barbary sheep

Apes

Bible
 Bishop, C. W.
 Bock (a)
 Calkins
 Fenton (b)
 Fitzsimons (a b)
 Fyelman
 Garner
 Jaffee
 Kohler
 Lull
 Mann, W. M. (c d)
 Mjoberg ch.2
 Osborn, H. F. (d)
 Romer
 Scott, W. B. (b)
 Yerkes

See also Monkeys

Ape, Night (Nacht Aapje)

Fitzsimons (a)

Arboreals

Lull
See also Cats, Raccoons,
 Opossums, Monkeys,
 etc.

Argali *Ovis ammon*

Aflalo (b c)
 Andrews, R. C. (d)
 Atkinson (b)
 Bradley
 Burrard
 Caldwell
 Fraser, J. B. (c)
 Godman
 Hedin (k l)
 Hodgson
 Jardine
 *Kinloch
 Littledale (b)
 **Lydekker (a—i)
 Markham
 Reid
 Rockhill
 Rubruck
 Selater
 *Sowerby (b c)
 **Wrangell

See also Sheep

**Ariel *Gazella arabica* and
*Gazella dama ruficollis***

Ansorge ch.1
 Baker

Arkal *Ovis vignei arkar*

Kennion (c)

Armadillo

Adams, H. C. (c)
 Audubon (b)
 Baldwin, W. C.
 Beebe, M. B.
 Calvert
 Darwin
 Fletcher ch.11
 Fountain (b d)

**Gadow

Gomes
 Grubb
 Hingston (b)
 Holland
 Hudson (a)
 Miller, G. S. (b)

Ober

Prichard (b)
 **Roosevelt, T. (i)
 Simpich (g)
 Thompson
 Wallace, A. R. (d)
 Woodroffe

**Ass, Wild (Kulan) *Equus
asinus asinus***

Akeley (b)
 Andrews, R. C. (d e g)
 *Baker, S. W. (a)
 Bewick
 Bible
 Brocklehurst
 Carruthers (a)
 Carter, W. H.
 **Dodge, T. A.
 Fraser, J. B. (c)
 **Hedin (b k)
 Kipling
 Peel (a)
 Ruttledge
 Vambery
 Wellby
 Wood (Bible)

**Babiroussa *Babirussa* baby-
russa**

Bewick (a)
 Guillemard
 Lydekker (a—i)
 Mann, W. M. (b d)
 Wallace, A. R.
See also Celebes

*** Baboon *Papio***

Baldwin, W. C.
 Baum
 Cardinall
 Chanler
 Fenton (b)
 Fitzsimons (a b)
 Fyelman
 Garner
 Kearton
 Loring
 Madeira
 Mann, W. M. (c)

**Badger *Meles* (European)
Taridea (Amer-
ican)**

Atkinson (b)
 Bewick
 Rock (b)
 Dodge (c)
 Fainhani, T. J. (b)
 Fountain (c)
 Godman
 Talman (a)
 Wood (Bible)

Badger, Hog

Mann, W. M. (b)

**Badger, Stinking *Mydaus luci-
feroides***

Mjoberg ch.2, 3

Bandicoot *Perameles*

Gregory, H. E.
 Lumholtz (a)
 Lydekker (a—i)
 Miller, G. S. (b)
 Semon

Wilkins, G. H.
 Wood (Bible)

See also Australia; India;
 Marsupials; Rat

Banting *Bos banteng*

Bickmore
 Christopher
 Evans
 Jardine
 Lydekker (b)
 Mjoberg ch.1
 Pollock (e)
 Sanders, A. H.
 Sutton (b)

**Bara Singh, Deer, Asia
*Cervus (Rucervus) du-
auceli***

Aflalo (b)
 Arbuthnot
 Brander
 Burrard (a)
 Cooch Bahar
 Kinloch
 Mann, W. M. (d)
 Ronaldshay
 Savory
 Stebbing, E. P.
 Younghusband, F. (a)

Barbary sheep

See Sheep, Barbary

Bat

Bailey, V. (b c)
 Perry, C.

**Bat, Canyon *Pipistrellus hes-
perus***

Bailey, V.
 Perry, C.

Bat, Cave *Myotis velifer*

Bailey, V.

**Bat, Fruit *Artibeus toltecus*;
*Rousettus lanosus***

Barrett, C.
 Fitzsimons (a)
 Wollaston

Bat, Gray

Bailey, V. (b c)
 Perry, C.

**Bat, Large, Brown *Eptesicus
fuscus***

Bailey, V. (b c)
 Perry, C.

Bat, Red *Lasius borealis*

Bailey, V.
 Perry, C.

**Bat, Small-eared *Myotis
thysanodes***

Bailey, V.

Bat, Vampire

Beebe, W. (c)
 Crampton, H. E.
 Critchell
 Ditmars (f)
 Fletcher ch.25
 Fountain (d)
 Kennedy, L.
 Shelford
 Shiras (b h)
 Tangye (b)
 Tschiffely

- Bear**
See
 Ant-bear; Beishung;
 Binturong; Grizzly;
 Panda; Polar-bear;
 Sloth
- Bear, African** *Ursus arctos*
crowtheri
 Gillmore (h)
 Meakin (b)
- Bear, Alpine** *Ursus*
 Jardine
- Bear, Australia** *Phascolarctus*
cinereus
 Lumholtz (a)
 Moore, W. R. (b)
 Wilkins, G. H.
- Bear, Barren-ground** *Ursus*
richardsoni
 Anthony
 Farnham, T. J. (b)
 Jardine
- Bear, Black American** *Euarctos*
americanus
 Anthony
 Ariza
 Audubon (b c)
 ***Baillie-Grohman (b)
 Baird (a)
 Baker, S. W. (g)
 Bales
 Baynes (d)
 Boone
 Burbridge (a)
 Burt
 Cabot
 Cane
 Carstensen
 Carvalho
 Cory (e)
 ***Dodge (b c)
 ***Dugmore (f)
 Dunraven (a b)
 Edwards
 Farnham, T. J. (b)
 Filson
 Fountain (a c)
 Gillmore (b j)
 Godman
 Grenfell (d)
 Griggs, R. F. (a b)
 Grinnell (d)
 Hanbury (b)
 Hardy
 Heilprin (b)
 Holzworth (a)
 **Hornaday (a)
 Hough (b)
 Huntington, D. W. (b)
 Jardine
 Jones, J. B.
 Kingsley
 Kingston
 Leveson (d)
 **Lewis and Clark
 *Lydekker (a—i)
 McGuire
 *Mackenzie, A.
 Mann, W. M. (d)
 Marcy
 Mayer, A. M.
- *Millais (g)
 Mills (c d)
 Murphy, J. M. (b)
 Palmer
 Pike
 Prichard (e)
 *Radcliffe
 Roy, L. C. (a b)
 ***Selous, F. C.
 ***Sheldon
 *Shields
 *Shiras (b)
 Wallace, D (c)
 **Wright (a b)
- Bear, Blue** *Euarctos emmonsii*
 Anthony
- Bear, Blue** *Ursus pruinosus*
 Lydekker (g)
 Radcliffe
 Scott, W. B. (b)
- Bear, Brown** *Ursus*
 Anthony
 Bewick
 ***Dodge (b c)
 Godman
 Grinnell (d)
 ***Guillemard
 Holzworth (b)
 Hubback (b)
 Huntington, D. W. (b)
 Jardine
 Kennan
 Kidder
 Kleinschmidt
 Lewis and Clark
 Lydekker (a—i)
 Macintyre
 Meunier
 Mixter, G.
 Muir
 Radcliffe
 ***Sheldon (b)
- Bear, Cattle-killer** *Ursus*
 Wyndham
- Bear, Cave** *Ursus spelaeus*
 Lydekker
 Stebbing, E. P.
- Bear, Cinnamon** *Euarctos*
americanus
 Adams, J. C.
 Anthony
 Audubon (b)
 Jardine
 Marcy (b)
 Oswald
 Wallace, D (c)
- Bear, Crowther** *Ursus arctos*
crowtheri
 Lydekker
See also Atlas Mts.
- Bear, European** *Ursus arctos*
 Baker, S. W. (g)
 Chapman, A. (b)
 Demidoff (a)
 Fonhus
 Harting
 Kennedy
 Mann, W. M. (d)
 Phillpps-Woolley
 Turi
 Young, E. (d)
- Bear, Glacier** *Euarctos emmonsii*
 Anthony
 Bales
- Bear, Grizzly** *Ursus horribilis*
 ***Adams, J. C.
 Anthony
 Audubon (b)
 Baird (a)
 Bentley, R. ch.15, 16
 Browne
 Burbridge (c)
 Cane
 Carvalho
 Clarke (b)
 ***Dodge (b c)
 Dunraven (a, b)
 Farnham, T. J. (b)
 Fountain (a)
 Gillmore (j)
 Godman
 Grinnell (d)
 Hobbs
 Holzworth (a b)
 ***Hornaday (a)
 Hubback (b)
 Huntington, D. W. (b)
 Irving (b)
 Jardine
 Jones, J. B.
 Kidder
 Kingston
 Latham
 Leveson (d)
 **Lewis and Clark
 Limbert, R. W.
 Lydekker (a—i)
 McGuire
 Mackenzie, A.
 Mann, W. M. (b)
 **Marcy (c)
 Meunier
- **Millais (g)
 Mills (c d)
 Murphy, J. M. (b)
 Oswald
 Palmer
 Pickett
 Pike, W.
 Pike, Z.
 Porter, J. H.
 Rainsford (a)
 ***Roosevelt (a—f)
 Ruxton (b)
 ***Selous, F. C.
 ***Sheldon (b c)
 **Shields
 Thomas, W. I.
 Tweedsmuir
 Vachell
 Victor
 Vivian
 Wallace, D. (c)
 Whitaker, H.
 Wilcox (b)
 ***Wright (b)
- Bear, Grizzly, California**
Ursus californicus
 Adams, J. C. p.17

- Bear, Himalaya**
 Kinloch
 Lydekker
 Mann, W. M. (b)
- Bear, Honey** *Ursus*, etc.
 Anthony (c)
 Bock (b)
 Gomes
 Whitehead
- Bear, Indian, Asiatic** *Ursus*, etc.
 Affalo (b)
 **Andrews, R. C. (c)
 Atkinson (a b)
 Bailhe
 Baker, E. C. S.
 **Baker, S. W. (g)
 Beebe, W. (b)
 Bible
 Bickmore
 Brown, J. M. (a b)
 Burnham
 Burrard (e)
 Burton, R. G. (b)
 Campbell, W.
 Christopher
 Church
 **Cooch Bahar
 Cooper, M. C. (a)
 Cumming, W. G.
 Demidoff (c)
 Dhu Skene
 Dunmore
 Durand
 Elliott, A.
 Evans
 Fenton
 Fraser, J. B. (d c)
 Gillmore (i)
 Glasfurd (b d)
 Grew
 ***Guillemard
 Harrison, G. L. (a)
 Hedin (b)
 Hicks
 **Hornaday (a)
 Houghton
 Jernigan
 Kaenigsmark
 Kennan (a)
 Kennion (a)
 Kinloch
 **Lydekker (a—i)
 Macintyre
 Markham
 Mitchell, W.
 Nansen
 **Newall, J. T. (a d)
 *Ossendowski
 Pereira
 ***Pollock (a b)
 Prezevalsky
 Rockhill
 Ronaldshay (a)
 *Roosevelt, T. & K. (a b)
 Rundall
 *Sanderson
 Savory
 ***Shakespeare
 Stockley (d)
 White, J. C.
- Wood (Bible)
 Wrangell (black) p.62
 and 183
- Bear, Isabella** *Ursus isabellinus*
 Jardine
- Bear, Malay** *Helarctos malayanus*
 Mjöberg p.23
- Bear, Man-eater, Asia** *Ursus*, etc.
 Brander
 Hornaday (a)
Bear, Man-killer *Ursus*, etc.
 Adams, J. C.
 Brander
 DeVeer
 Hornaday (a)
 Kingdon
 Pollock (b)
- Bear, Polar, Man-killer** *Thalarctos maritimus*
 DeVeer
 See also Cannibal; Man-eater; Man-killer
- Bear, Polar, White** *Thalarctos maritimus*
 Anthony
 Armstrong, A.
 Audubon (b)
 Baird (a)
 Bentley, R. ch 15, 16
 Bewick
 Brown, R. N. R.
 Cartwright
 Chapman, O. M.
 Dahl (a)
 Dennis, A. P. (b)
 DeVeer
 DeWindt (b)
 Digby
 Elliott, H. W.
 Farnham, T. J. (b)
 Fleischman (b)
 Hall, C. F. ch 9, 16, 21
 Hanbury (b)
 Hayes
 Huntington, D. W. (b)
 Jackson, F. G.
 Jardine
 Koelz
 **Lamont
 *Lydekker (a—i)
 Mecking
 Melville
 Mennier
 Murdock
 ***Nansen
 Nordenskiöld
 Osgood, W. H. (e)
 Payer
 Sutton, G. M.
 ***Wrangell ch 7
 Zenzinov
- Bear, Pouched** *Phascogale*
cinereus
 Denton
- Bear, Red** *Ursus isabellinus*
 Burrard
 Hanbury (b)
 Kaenigsmark
- Ronaldshay (a)
 Savory
 Stebbing, E. P.
- Bear, Siberian** *Ursus arctos*
 Jardine
 Lydekker
- Bear, Silver-tip** *Ursus*, etc.
 Wallace, D. (c)
 See also Brown; Cinnamon; Grizzly
- Bear, Sloth, Asia** *Melursus labialis*
 **Baker, S. W. (b)
 Brander
 **Eardley-Wilmot
 Kinloch
 Lydekker (a—i)
 Pollock (b)
 Stewart, A. E.
- Bear, Sloth, Man-killer** *Melursus*, etc.
 Pollock (b)
- Bear, Snow** *Ursus isabellinus*
 Kinloch
 Leveson (b)
 Ronaldshay (a)
- Bear, Spectacled (Andes)** *Tremarctos ornatus*
 Anthony (c)
 Bingham, H. (d)
 Fountain (b)
 Jardine
 Lydekker (a—i)
- Bear, Syrian** *Ursus arctos*
 Jardine
 Lydekker (a—i)
 Wood (Bible)
- Bear, Tibetan, Parti-colored** *Ailuropoda melanoleucus*
 Andrews, R. C. (c)
 Lydekker (a—i)
- Bear, Water**
 Shackleton
- Bear, White**
 Grenfell (d)
 Lewis & Clark
 Roosevelt, T. & K.
 See also Polar bear
- Bear, Yellow**
 Jardine
- Beatrix** *Oryx beatrix*
 Blanford
 Lydekker
 See also Antelope; Arabia; Bushire
- Beaver** *Castor canadensis* (American)
Castor fiber (European)
 Atkinson (b)
 Audubon (c)
 Bailey, V. (b)
 Bentley, R. ch.19
 Bewick
 Boone
 Burroughs (c)
 Burt
 Capps, S. R.
 Carr, W. H.
 Cartwright
 Carvalho
 Chater, M. (c)

Beaver—Continued

- Cockerell
 *Dodge
 *Dunraven
 Farnham, T. J. (b)
 Filson
 Fountain (c)
 Gillmore (j)
 *Grinnell
 Harper
 Harting
 Heilprin (b)
 Henshaw (c)
 Kennedy
 Lewis & Clark
 MacGillivray
 **Mackenzie, A.
 Mills (c d)
 Muir
 Pike, W.
 Prezevalsky
 Roy, L. C. (b)
 Ruxton (b)
 *Sheldon (b)
 Shiras (b d g)
 Talman (a)
 Tweedsmuir
 *Wrangell p 116
- Behemoth**
 Digby
- Beisa** *Oryx beisa*
 Akeley (b)
 Brocklehurst
 Dugmore (a)
 *Lydekker (a—i)
 Smith, A. D.
 Swayne (b)
 Tjader
- Beishung or White bear**
 Roosevelt, K.
 Roosevelt, T. & K.
 Sage
See also Panda
- Bharal, "Sheep-Goat"** *Pseudois nayaur*
 Kinloch
 Lydekker
See also Burhel; Sheep,
 Blue
- Big Horn**
See Sheep, Big horn
- Binturong, Bear-cat** *Arctictis binturong*
 Bock (a b)
 Jardine
 Lydekker (a—i)
 Mann, W. M. (b)
 Mjoberg
- Bison, American buffalo**
Bison bison
 Adams, J. C.
 Allen, J. A. (e)
 Anthony
 Aubrey
 Audubon (b c)
 *Baillie-Grohman (b)
 Baird (a)
 Baynes (c)
 Beard
 Bewick
 Bingham (b)

- Blackmore p.xiv
 Boone
 Branch
 Bulger (b)
 Burton, R. G. (b)
 Butler, W. F. (b)
 Carvalho
 Clark (b)
 ***Dodge (b c d)
 *Dunraven (a b)
 Filson
 Fountain (a)
 Freeman, L. R.
 Gillmore (b j)
 Godman
 *Grinnell
 Grosvenor, G. (e)
 *Hornaday (a)
 Hough (b)
 Huntington, D. W. (b)
 Inman (b)
 Irving (b)
 Jardine
 Jerdon
 Jones, J. B.
 Kerbey, M.
 Kingston
 Leveson (d)
 ***Lewis & Clark
 Littledale
 Lull
 Lydekker (a—i)
 ***Marcy (b c)
 Mayer, A. M.
 Nuttall (a)
 Oswald
 Palmer
 Parkman, F.
 Pickett
 Rainsford (a)
 Ruxton (b)
 *Shields (a c d)
 Vachell
 Wallihan (a b)
 Webber (c d)
- Bison, European** *Bison bonasus*
 Digby
 Lydekker (b)
 Nilsson
 Townley-Fullam
- Bison, Indian** *Bos bubalus*
 Afalo (b)
 Baillie
 Bible
 Campbell, W.
 Christopher
 *Cooch Bahar
 **Eardley-Wilmot
 Ellsworth
 Farnham, T. J. (b)
 "Felix"
 Fletcher
 French, J. L.
 Gillmore (i)
 Glasfurd (b c)
 Hamilton, D.
 Handley
 Hicks
 *Hornaday (a)
 Leveson (d)

- Murphy, J. M. (b)
 *Sanderson
 ***Shakespeare
 Stockley (d)
 Wood (Bible)
- Bison, Mountain or Wood**
Bison bison athabascæ
 Anthony
 Blackmore p 145
 *Dodge (c)
 Goodwin (a b)
 Preble
 Shields (a)
 *Stefansson (a)
 Stewart, E.
 Vivian
- Black-buck** *Antelope cervicapra*
 Brander
 Brown, J. M. (a)
 Glasfurd (c)
 *Hornaday (a)
 Kinloch
 Lydekker (a—i)
 Methuen
 Murdoch (b)
 *Newall, J. T. (a)
 Rice, W.
 Tordav
 Vernay
See also Saisan
- Black-pig** *Sus*
 Bradley, M. H. (b)
See also Hog; Pig
- Blaubok, Blaauwbok** *Egocerus leucophaeus*
 Lydekker
 Maugham (c)
 Selous, F. C. (g)
- Blessbok** *Damaliscus albifrons*
 Churchill
 Faulkner
 Gordon-Cumming
 Leveson (d)
 Lydekker (a—i)
 Selous, F. C. (b g)
See also Cape Colony;
 Hartebeeste
- Blue-bull**
See Nilgai
- Boar, Wild** *Sus scrofa*
 Adams, A.
 Afalo (c)
 Andrews (c)
 Atkinson (a b)
 Baden-Powell (b)
 ***Baker (a)
 Baldwin, J. H.
 Baldwin, W. C.
 Bewick
 Bird, F. L.
 Bock (b)
 Brown, J. M. (a)
 Burden, W. D.
 Caldwell
 Campbell, J.
 Campbell, W.
 Chapman, A. (c)
 Christopher
 Cumming, C. F. G. (c)

- Du Chaillu (f) p.41
 Dugmore (d)
 ***Eardley-Wilmot
 Fletcher
 Fraser, J. B. (d)
 Gordon, T. E. (a b)
 **Gordon-Cumming (b)
 **Gouldsbury (d)
 Grew
 Grubb
 Hamilton, D.
 Harting
 Huc
 Jackson, J. C.
 Jernigan
 *Kinloch
 Lattimore, O.
 March
 Markham
 Mitchell, W.
 Mjoberg p.23
 Norden (a)
 Pease (a)
 Pereira
 Perez
 Pike, N.
 **Rice, W.
 St. John, J. A.
 Scriven, G. P.
 Selous, F. C. (c)
 Stephens, J. L. (c)
 Williams, M. O. (i) p.244
 Winans
See also Hog; Pig, etc.
Bobcat
See Cat, Bob; Lynx
Bohor, Antelope *Redunca*
redunca
 Guenther
 Lydekker
See also Abyssinia; Mas-
ailand
Bongo *Boocercus eurycerus*
 Bradley, M. H. (b)
 Brocklehurst
 Bronson
 Cardinall
 Christy
 Gatti, A. (a c)
 Johnson, Martin (d)
 Jordan
 *Lydekker (a—i)
 Percival
 Percy-Smith
 Powell-Cotton (e)
 *Roosevelt, T. (h)
 Roosevelt & Heller
 Stigand (b c)
 *Tjader
Bontebok (Hartebeeste)
Damaliscus pygargus
 Leveson (d)
 Lydekker
 Maugham (c)
 Selous, F. C. (g)
See also Cape Colony
Boschbok
See Bush-buck
Bouquetin
 Baillie-Grohman (b)
See also Ibex
Brocket *Mazama americana*
 Fountain (b)
 Jardine
 Lydekker
 Shiras (h)
Bubale *Bubalis*
 Wood (Bible)
See also Antelope;
Fallow-deer
Bubaline *Capricornis sum-*
atraensis thar
 Lydekker
Buffalo
See Bison
Buffalo, Cape, Africa *Syn-*
cerus caffer
 *Akeley (b)
 Arkell-Hardwick
 Bailey, H.
 ***Baker, S. W. (a g)
 Barns (a)
 Baum
 Bell, W. D. M.
 Bennett
 Bewick
 Bronson
 Brown, W. H.
 **Bryden (e)
 Burbridge (b)
 Casati
 *Chadwick (a)
 Chanler
 Chapman, A. (e)
 Chapman, J.
 Christy
 Cron
 Curtis
 Dickinson
 Dowsett
 Drake-Brockman
 ***Dugmore (a c e)
 Dutton
 Faulkner
 Finaughty
 Findlay
 Foa
 Gibbons (b)
 **Gordon-Cumming (a b)
 ***Gouldsbury (a b d)
 Hamilton, C.
 Hamilton, J. S. (c)
 Harris (a)
 Harrison, G. L. (a b)
 Hodson
 Hubbard, W. D. (a)
 Jack
 **Jackson, F. J. (b c)
 **Johnson, Martin (a)
 Jordan, J. A.
 Kerr
 Kirby (a b)
 Kittenberger
 Lardner
 Letcher
 Lethbridge
 ***Leveson (d)
 Lloyd, A. B. (b)
 *Lydekker (a—i)
 Lyell (c d f g)
 *McCutcheon
 Madeira
 Maugham (c)
 Methuen
 Millais (a g h)
 Neves
 N'zau
 Oates
 Peel (a)
 Percival
 *Powell-Cotton (c d e)
 Roosevelt, T.
 Roosevelt & Heller
 Santos
 Savile
 Schillings
 ***Selous, F. C. (b g)
 Senha
 Skertchly
 Speke
 Stanley
 Statham
 **Stigand (b)
 Whitney, C.
 Wollaston
Buffalo, Asia, Indian *Bos*
bubalus
 **Andrews, R. C. (c)
 Atkinson (b)
 Baker, E. B.
 Baker, E. C. S.
 ***Baker, S. W. (c d g)
 Baldwin, J. H.
 Beebe, W. (b)
 Bickmore
 **Bock (b)
 Brander
 Brocklehurst
 Burden, W. D.
 Campbell, J.
 Christopher
 **Cooch Bahar
 Cumming, C. F. G. (c)
 Dhu Skene
 Dingle
 **Eardley-Wilmot
 Forbes, H. O.
 Forsyth, J.
 Fraser, J. B. (d)
 Fraser, T. G.
 Gillmore (i)
 Glasford (c)
 Glossop
 **Gouldsbury (d)
 Hicks
 Inglis
 Kinloch
 Kipling
 Knight
 *Lydekker (a—i)
 Mann, W. M. (d)
 *Pollock (a e)
 **Rice, W.
 *Sanderson
 ***Shakespear
 Smith, A. M.
 Stockley (d)
 White, J. C.
Buffalo, Man-killer
 Barnes
 Sutherland
Buffalo, Red
 Lydekker

Buffalo, Water

Beebe, B.
Beebe, W. (b) p.190
Caetani
Clark, L.
Grosvenor, G. (f)
Kirjassoff
Moore, W. R. (g)
Sanders, A. H.
Williams, M. O. (o)

Buffalo, Wood

See Bison

Burhel, Blue Sheep, Barhel

Pseudois nayaur

Aflalo (b)

Burrard

Dunmore

*Eardley-Wilmot

Kennion (a)

Kinloch

*Leveson (b)

Markham

Newall, J. T. (d)

Ronaldshay (a)

Roosevelt, K

Roosevelt, T & K (a b)

*Stebbing, E. P.

Whistler

See also Bharal; Sheep,

Blue

Burro, Wild

Kolb, E

Bush-buck *Tragelaphus scriptus*

Baum

Brocklehurst

Chapman, A. (e)

Dickinson

Faulkner

Foa

*Gordon-Cummings

*Gouldsbury (a)

Harrison, G. L. (a)

Leveson (d)

Lydekker (a—i)

Macintyre

*Madeira

Mallet-Veale

Maugham (c)

Peel (a)

Powell-Cotton (e)

Roosevelt, T. (g)

Roosevelt and Heller

Sanford and Legendre

Simmons, G. F.

Bush-dog *Iticynon*

Pearce

See also Dog

Bush-pig *Koiiopotamus koiropotamus*

Brown, W. H.

Gouldsbury (a)

Kirby (a)

Maugham (c)

Powell-Cotton (d)

*Selous, F. C. (b h)

See also Pig

Camel—Wild and tame *Camelus bactrianus*

Adams, H. C. (d)

Andrews, R. C. (c e g)

*Baker, S. W. (a d e)

Bible

Burton, R. F. (k)

Carpenter

Chanler

Chapman, A. (c)

Cooper, M. C. (b)

DeTerra

Doughty

*Eardley-Wilmot

Fraser, J. B. (d)

Gordon, T. E. (a)

Gregory, H. E.

*Hedin (b k)

Hoefler

*Hornaday (a)

Johnson, F. E. (b)

Leveson (d)

Lull (c)

Meakin (b)

Morden (a b f)

Norden (f)

Peel (a)

Percival

Williams, M. O. (d)

Wulsin

Camelopard

See Giraffe

Cannibal beasts

See Bear, Polar; Lion;

Tiger

Capybara *Hydrochoerus capybara*

Beebe, M. B.

Bull

Cott

Darwin

Dickey

Dyott, G. M. (c)

Fountain (d)

Heilprin (e)

Howell, A. B

Kingston

Smith, H. H.

Wells, J. W.

Carabao

Higgins

Worcester, D. C. (c)

See also Buffalo, Water

Caracal *Lynx caracal*

Anderson

Brander

Elliot (g)

Fitzsimons (a)

Kittenberger

Madeira

Maugham (c)

Peel (a)

Percival

Schillings

See also African cat; Red

lynx

"Carbunculo"

Tschudi

Caribou *Rangifer*

Andrews, R. C. (d)

Anthony

Audubon (b)

***Baillie-Grohman (c)

Bales, L. L.

Boyd, L. A.

Buchanan (b)

Burg, A. (d)

Burt (Maine)

Butler, W. F. (b)

Cabot

Cane

Capp, S. R.

Cartwright

Chater, M. (c)

Demidoff (c)

***Dugmore (f)

*Dunraven

Fountain (c)

Gillmore (b j)

Grenfell (d)

Griggs, R. F. (a)

*Hanbury (c)

Hardy

Harshberger

Hayes (a)

Hollister (a)

Holzworth (a)

Hubbard, L.

Huntington, D. W. (b)

Jones, C. J.

Kingston

Kleinschmidt

Leveson (d)

***McGuire

MacKenzie, A.

Martindale (a)

Mayer, A. M

Mecking

***Millais (d)

Muir

Nuttall (a)

Pearcy

Peel (c)

Preble

Prichard (d e)

*Radclyffe

Richardson

Russell

Seton, E. T.

***Sheldon (b c d)

*Shields

*Shiras (b c d g i)

Singer

***Stefansson (a b)

Stewart, E.

*Stuck

*Sutton, G. M.

Thomas, W. S. (a)

Twedsmuir

Vachell

Vivian

Ware

Wissler (b)

See also Reindeer

Caribou, Barren-ground *Rangifer arcticus*

Anthony

Baird (a)

Bentley, R. p.17

Burg, A. (b)

Preble

Sheldon (b)

Wilkins (c)

- Caribou, Peary** *Rangifer pearyi*
 Anthony
 MacMillan (d)
 Peary (b)
- Caribou, Woodland** *Rangifer caribou*
 Anthony
 Baird (a)
 Humphrey
 Preble
 Shields (d)
- Carpincho**
See Capybara
- Cat**
See
 Caracal; Cat, Bob; Cat, Marbled; Cheetah; Civet; Clouded leopard; Cougar; Hunting leopard; Jaguar; Leopard; Lion; Lynx; Meerkat; Ocelot; Ounce; Panther; Polecat; Puma; Serval; Tiger; Wild cat
- Cat, Bob Lynx**
 Bailey, V. (b)
 Shantz
 Simpich (c)
 Thomson, W.
See also Lynx
- Cat, Civet**
 *Baker, S. W. (b)
 Blanford
 Bock (a b)
 Brander (Palm)
 Chapman, A. (c)
 Gouldsbury (a)
 Guillemard
 Henshaw (c)
 *Hornaday (a)
 Jardine (a)
 Kerr
 Kipling
 Lydekker
 Maugham
 Percival
 Prezevalsky
 Ronaldshay
 *Schillings
 Seabrook
 Thomas, B.
 Wallace
 Wilson, J. C.
 Yule
- Cat, Desert** *Felis ornata*
 Blanford
 Lydekker
See also India
- Cat, Egyptian** *Felis*
 Blanford
 Lydekker
 Peel (a)
- Cat, Fishing** *Felis (Zibethailurus) viverrina*
 Blanford
 Brander
 Lydekker (a—i)
 Sterndale
See also India
- Cat, Golden** *Felis (Profelis) temminckii*
 Elliot, D. G. (g)
 Lydekker (a—i)
 Mann, W. M. (b)
See also Tibet
- Cat, Jungle** *Felis chaus*
 Brander
 Cheesman (b)
 Hornaday (a)
 Lydekker (a—i)
 Peel (a)
- Cat, Leopard** *Panthera pardus*
 Blanford
 Lydekker (a—i)
- Cat, Marbled** *Pardofelis mar-morata*
 Blanford (b)
 Buck ch.7
 Elliot, D. G. (g)
 Lydekker (b)
 Mjoberg
 Regan, C. T.
 Stebbing, E. P. (b)
See also Leopard, Clouded
- Cat, Pampas** *Felis pajeros*
 Elliot, D. G. (g)
 Hudson
 Lydekker (a—i)
See also Argentine
- Cat, Red** *Felis*
 Elliot, D. G. (g)
 Lydekker (a—i)
 Merriam
See also Bay lynx
- Cat, Spotted** *Felis euphilura Felis javanensis*
 Jardine
 Lydekker (a—i)
 Smith, H. H. p.196-7
- Cat, Tiger** *Panthera tigris*, etc.
 Baldwin, W. C.
 Byam ch.7
 Fraser, J. B. (c)
 Lewis and Clark
 McDermott
 Premium
 Wells, J. W.
- Cat, Tree** *Felis (Neofelis) nebulosa*
 Hornaday (a)
See also Clouded leopard
- Cat, Wild**
Felis concolor, etc. (American)
Felis catus (European)
 Anthony
 Atkinson (b)
 Audubon (b)
 Baldwin, W. C.
 *Bock (a b)
 Burt
 Cardinall
 Chapman, O. M.
 Cheesman (b)
 Colquhoun
 Cooper, M. C. (a)
 Cope (b)
 Cory (e)
- **Dodge (c)**
 *Du Chaillu (f) p.41
 **Eardley-Wilmot
 Elliot, D. G. (g)
 Ellis, W.
 Filson
 Fountain (d)
 Graves, R. A.
 Harper
 Hedin (k)
 Heller (b)
 Henshaw (c)
 Kolb, E.
 *Lydekker (a—i)
 Meakin (b)
 Mills (d)
 Pease (a)
 Pellow
 Pike, Z.
 Russell, P.
 Rutledge
 Symington
 Torey (b)
- Catelo**
 Sanders, A. H.
- Cat-bear**
 Beebe, W. (b)
- Cattle, Wild**
 Adams, A.
 Adams, J. C.
 Bock (b)
 Browne, J. R.
 *Conway (e)
 Darwin
 *Dodge (c)
 Drury
 Dyott
 Hornaday (a)
 Meakin (b)
 Moore, W. R. (d)
 Osborn, C. S.
 **Pollock (a)
 Prichard (b)
 **Rice, W.
 Sanders, A. H.
 Simpich (g)
 Taunton
 Vialles
 Whitehead
 Wood (Bible)
- Cattle-lifters**
See
 Bear; Hyæna;
 Leopard; Lion;
 Panther; Tiger; Wolf
- Chachalaca**
 Shiras (h)
- Chamois** *Rupicapra rupicapra*
 **Baillie-Grohman (a b f h)
 Bewick
 Boner
 Chapman, A. (c)
 Demidoff (a)
 Donne (a)
 Fernsworth
 Grosvenor, M. B.
 Jardine
 Kingsley
 Mann, W. M. (d)
 *Phillips-Woolley

Chamois—Continued

Scriven, G. P.
Townley-Fullam
Wood (Bible)
See also Izard

Cheetah, Africa *Acinonyx jubatus*

Dunbar-Brunton
Fitzsimons (a)
Kittenberger
Letcher (a)
Madeira

*Maugham (c)
Mosse
Percival

*Roosevelt, T. (g)

*Selous, F. C. (g)

See also Hunting leopard

Cheetah, Indian *Acinonyx jubatus*

Affalo (b)
Andrews, R. C. (d)

**Baker, S. W. (b)

Brocklehurst

Brown, J. M. (a)

Brown, W. H.

Burton, R. G. (b)

Clarke (b)

Cooper, R. D

Cumming, C. F. G. (c)

Fenton

Fraser, J. B. (c)

Glossop

**Gouldsbury (a)

Hicks

Johnson, Martin (d)

Powell, E. A. (e)

*Rice, W.

*Sanderson

**Shakespear

See also Hunting leopard

Cheetul or Chital *Axis axis*

Bulger (b)

Cox

Lydekker (a—i)

Newall, J. T. (a)

Rice, W.

Stebbing, E. P.

Stewart, A. E.

Chevrotian, Indian *Tragulus meminna***Chevrotian, Water *Dorcatherium aquaticum***

Bock (b)

Cardinal

Wells, C. (a)

Chimpanzee *Pan*

Bailey, H.

Barns (a)

Burrows, G.

Fenton (b)

Fitzsimons (b)

Fyleman

Gregory

Keith

Koehler

Lowie

Lull (c)

Magee, F. J.

Mann, W. M. (d)

Osborn, H. F. (d)

Thaw

Verkes

Chinchilla *Chinchilla lanigera*

Adams, H. C. (b)

Kingston

Prodgers

Tschudi

Chinkara Gazelle *Gazella ben-netti*

Blanford

Lydekker

Sterndale

Sykes

Vernay

See also Baluchistan,

Gazelle; India, Serow

Chimpunk

McCartney

Nelson, E. W. (e)

Nichols, R. A.

Shantz

Chiru *Pantholops hodgsoni*

Blanford

Hodgson, B.

Kinloch

Lydekker (a—i)

Macintyre

See also Antelope; Tibet

Chital

Brander

See also Axis deer

Civet cat

See Cat, Civet

Clouded Leopard

See Leopard, Clouded

Coatimondi *Nasua narica*

Anthony (c)

Bull

Chapman, F. M. (j)

Fountain (b)

Mann, W. M. (d)

Peters, H.

Sultan, D. I.

Woodroffe

Cob *Adenota kob kob*

Fraser, D. C. (b)

Colobus, Monkey *Colobus*

Fitzsimons (b)

Fyleman

Johnson, Martin (d)

Mann, W. M. (c d)

Osgood, W. H. (f)

Sanford and Legendre

White, S. E. (a)

See also Monkeys

Cougar *Felis concolor*

Anthony (a b c)

Audubon

Bailey, V. (b)

Borah

Bourne

**Dodge (b c)

Elliot, D. G. (g)

Farnham, T. J. (b)

*Filson

Flack (b)

Fountain (a)

Godman

Jardine

Murphy, J. M. (b)

Oberlander

Rogers, A.

Shantz

*Shields (d)

Simpich (m)

Singer

Tschudi

Wallihan (a b)

See also American lion;
Panther; Puma

Coyote *Canis*

Freeman, L. R.

Fuertes (c)

Henshaw (c)

Kolb, E.

Mann, W. M. (b)

Mills (c d)

Nelson, E. W.

Oswald

Ruxton (b)

Shiras (b)

Wetmore (a)

See also Wolf

Coypu *Myopotamus coypus*

Adams, H. C. (c)

Hudson (a)

Mann, W. M. (d)

Spears

Crocodile

See Reptiles

Cuscus

Burden, W. D.

Cynogale *Cynogale bennetti*

Mjoberg p 30

Deer

See

Bara Singh; Black-tail;

Brocket; Bubale;

Caribou; Chevrotain;

Chital; Elk; Fallow;

Guazupuku; Guazuti;

Guemal; Hangul;

Huemal;

Kashmir-stag; Maral;

Moose; Mule-deer;

Muntjac; Red-deer;

Reindeer; Roebuck;

Sambur; Stag; Wapiti

Deer, Asia *Rusa*

Johnson

**Baker, S. W. (b c g)

Beebe, W. (b)

Bible

Bickmore

Bradley, M. H. (c)

Burden, W. D.

Burton, R. G. (b)

Campbell, W.

Champion

Church

Clark, L.

Cumming, W. G.

Demidoff (b)

Evans

***Gouldsbury (d)

***Guillemard

Hamilton, D.

Huc

*Kinloch

- *Lydekker (a—i)
Mjoberg p.23
Nansen
- **Newall, J. T. (d)
Norden (a)
Ossendowski
- *Pollock (b e)
Rockhill
Roosevelt, E.
- ***Shakespear
Shklovsky
- Deer, Axis, Spotted** *Axis axis*
- **Baker, S. W. (b c)
Beebe, W. (b)
Bulger (b)
Cox
Cunning, C. F. G. (c)
Donne (a)
- **Eardley-Wilmot
*Hornaday (a)
Jardine
- **Kinloch
Kirjassoff
*Lydekker
Mann, W. M. (d)
Mitchell, W.
*Rice, W.
- Deer, Barasingha**
See Bara Singh
- Deer, Barking** *Muntiacus muntjak*
Beebe, W. (b)
Brander
Eardley-Wilmot
Glasford (b)
*Hornaday (a)
*Kinloch
Lydekker (a—i)
Mitchell, W.
Roosevelt, T. & K
Shelford
*Stebbing, E. P.
Sutton (b)
Wells, C. (a)
- Deer, Black** *Cervus*
Eardley-Wilmot
See also Black buck
- Deer, Black-tail, Columbian**
Odocoileus columbianus
Anthony
Audubon (b)
Carvalho
**Dodge (b c)
**Dunraven (a b)
Farnham, T. J. (b)
Gillmore (n)
Godman
*Hornaday (d)
Irving (b)
Jones, J. B.
**Lewis and Clark
Lydekker (a—i)
Mann, W. M. (d)
Murphy, J. M. (b)
Oswald
Parkman, F.
Pickett
*Pike, Z.
Ruxton (b)
*Shields
Shiras (b)
- Singer
Vachell
Wallace, D. (c)
Wallihan (a b)
- Deer, Brazilian** *Blastocerus bezoarticus*
Agassiz
Beebe, W.
Calvert
Church
Darwin
Dyott
Fitzroy
Fleming
**Fountain (b d)
Gadow
Grubb
***Hudson (a)
Jardine
Lange (a)
*Lydekker (a—i)
Prodgers
*Rice, A. H.
Schurz
Stephens, J. L. (a)
See also Mexico; S. America
- Deer, Brocket**
See Brocket
- Deer, David's** *Elaphurus davidianus*
Brooke, V.
David, P.
Lydekker (a—i)
See also Manchuria
- Deer, Eld's** *Cervus eldi*
Beavan
Blanford
Lydekker (a—i)
See also Malay Peninsular
- Deer, European** *Cervus*
Cameron
Chapman, A. (c)
Collins
Crawford
Crealock
Cron
Grimble (a—i)
Phillipps-Woolley
St. John, C.
- Deer, Fallow** *Dama dama*
Bewick
Bible
Donne (a)
Jardine
Gathorne-Hardy (b)
Lewis and Clark
Lydekker (a—i)
Mann, W. M. (d)
Millais (e)
Wood (Bible)
- Deer, Hog, Parka** *Cervus porcinus*
Baker, S. W. (c)
*Eardley-Wilmot
Kinloch
Lydekker (a—i)
Mann, W. M. (d)
*Rice, W.
Stebbing, E. P.
Sutton (b)
- Deer, Irish** *Cervus giganteus*
Lydekker
See also Ireland
- Deer, Java** *Cervus timoriensis tunjuc*
Bock (b)
- Deer, Jumping or Long-tailed**
Farnham, T. J.
See also California
- Deer, Kashmir** *Cervus hanglu miriensis*
Kinloch
Lydekker (a—i)
Mann, W. M. (d)
See also Kashmir stag;
Stag
- Deer, Manchurian** *Sika nippon mantchuricus*
Brooke
Lydekker (a—i)
See also Manchuria
- Deer, Mouse** *Tragulus meminna*
*Baker, S. W. (b c)
Cunning, C. F. G. (c)
Gomes
Herrick (a)
Mann, W. M. (b)
Maxwell, G.
Mjoberg p.23
Rice, W.
Shelford
Wells, C. (a)
- Deer, Mule** *Odocoileus hemionus*
Anthony
Audubon
Baird (a)
Donne (a)
*Dugmore (f)
Dunraven (a b)
**Hornaday (d e)
Huntington, D. W. (b)
**Lewis and Clark
Lydekker (a—i)
Mackenzie, A. ch.7
Mann, W. M. (d)
Murphy, J. M. (b)
Nelson, E. W. (c)
Palmer
Pickett
Pike, Z.
Preble
Shantz
*Shields
VanDyke, T. S.
Wallace, D. (c)
Wallihan (a b)
- Deer, Musk** *Moschus moschiferus*
*Andrews, R. C. (c)
Dunmore
Gill, W.
Huc
Jardine
*Kinloch
*Leveson (b)
Lydekker (a—i)
**Markham

Deer, Musk—Continued

****Millais (g)**
Polo, Marco
Reid

***Roosevelt, T. & K**
Rundall
Stebbing, E. P.
Tyacke

Deer, Naked ear *Odocoileus gymnotus*

Lydekker (a—i)
See also Colombia;
Ecuador; New Granada

Deer, Pampas *Blastocercus bezoarticus*

Kingston
Lydekker (a—i)
See also Argentina;
Guazuti; Paraguay;
Uruguay

Deer, Ravine

Hornaday (a)
Macintyre
Rice, W.

Deer, Red *Cervus elaphus*

****Baillie-Grohman (b)**
****Baker, S. W. (b c)**
Barnard
***Bewick**
Boner
Crawford
Cunningham, C. F. G. (c)
Darrah
Donne (a)

****Eardley-Wilmot**
Farnham, E. W.
Fraser, J. B. (c)
Hamilton, A.
Heilprin (b)
Kennedy
Lewis and Clark

***Lydekker (a—i)**
Mann, W. M. (d)

****Millais (e)**
Pike, N.
Reid

****Selous, F. C. (e)**
Singer
Wallace, H. F.

Deer, Roe *Capreolus capreolus*

Gathorne-Hardy (b)
Lattimore
Lydekker (a—i)
Millais (e)
Morden (f)
Roosevelt, T. & K.
See also Roebuck

Deer, Sika *Sika nippon*

Andrews, R. C. (c)
Mann, W. M. (d)

Deer, Spotted

See Deer, Axis

Deer, Swamp, Marsh *Ru-*

cervus duvauceli
Baldwin, J. H.
Brander
Bull
***Eardley-Wilmot**
Hingston (c)
***Kinloch**

Lydekker (a—i)
Lang (a)
Pollock (e)

Deer, Swinhoe's *rusa*

Kirjassoff

Deer, Tufted *Elaphodus*

cephalophus
David, P.
Lydekker
See also Tibet

Deer, Virginia, White-tail, Red *Odocoileus virginianus*

Anthony
***Audubon (b)**
Baird (a)
Baynes
Beard
Boone
Burroughs (c)
Burt
Carvalho
Chater, M. (c)
Cope (b)

****Dodge (b c)**

****Dunraven (a b)**

Edwards
Filson
Gillmore (g)
Godman

****Hornaday (e)**

Huntington, D. W. (b)

Kingston (Kayjacou)

Lydekker (a—i)

Mann, W. M. (d)

****Marcy**

****Millais**

Mills (c)
Nelson, W. A.
Nuttall (a)
Palmer
Preble
Roy, L. C. (a b)
Shields
Shiras (d g i j)
Singer
Wallace, D. (c)

Defassa antelope *Kobus*

defassa
Baker, S. W. (a)
Madeira
Tjader

See also Sing-sing

Dibatag *Ammodorcas clarkei*

Akeley (b)
Mosse

Dik-dik *Madoqua saltiana*

Barnes
Baum
Brocklehurst
Bronson
Chapman, A. (b)

***Dugmore**

Dutton

Heller (b)

Peel (a)

Percival

***Schillings**

Dingo *Canis dingo*

Fuertes (c)
Lumholtz (a)
Mann, W. M. (d)
See also Dog

Dog, Eskimo *Canis*

Bush
Ekblaw
Gould
Guillemard
Mecking

Dog, Hunting *Lycaon pictus*

****Baker, S. W. (b)**
***Eardley-Wilmot**
Gillmore (f)
Gordon-Cumming
Kipling
Kittenberger
Maugham (c)
Percival
Roosevelt & Heller

****Schillings**

****Selous, F. C. (g)**

Dog, Man-eating

Andrews, R. C. (g)

Dog, Prairie *Cynomys ludovicianus*

Dodge (c)
Henshaw (c)
Kingston
Nelson, E. W. (e)

Dog, Wild *Canis*

Baillie
Baldwin, J. H.
Baldwin, W. C.
Bates
Beebe, W. (c)
Brander
Brocklehurst
Brown, W. H.
Burton, R. G. (b)
Chapman, A. (c)
Dhu Skene
Drury, R.

****Dunmore**

****Eardley-Wilmot**

Fletcher

Forbes, H. O.

****Fountain (b)**

Fraser, J. B. (c)

Gillmore (i)

****Gouldsbury (a)**

Hamilton, D.

Kittenberger

****Leveson (d)**

Macintyre

***Markham**

Methuen

Osborn, C. S.

Percival

Pereira

***Pollock (e)**

***Rice, W.**

Schurz

See also Hunting dogs

Dog, Wolf *Canis*

Kinloch

Dolphin *Grampus griseus*, *Delphinus delphis*, etc.

Bates

****Beebe, W. (a c)**

Bible

- Dickey (d)
****Fountain** (b d)
 Godman
 Goode
 Grey
 Holder (c)
 Lange (a)
 La Gorce (c)
 Mayer, A. M.
 Mecking
 Meek
 Moore, W. R. (c)
 Mowbray
 Murphy, R. C. (f)
 Nansen (c)
 Pidgeon
 Roule (b)
 Scott
 Thompson
See also Porpoise
Dromedary *Camelus dromedarius*
 Doughty
See also Camel
Duck-bill
See Platypus
Dugong
See Manatee
Duiker, Duikerbok *Cephalophus spadix*, etc
 Baum
 Bland-Sutton
 Brocklehurst (Blue)
 Bronson
 Dutton
 Fraser, D. C. (b)
***Gillmore** (f)
***Gordon-Cumming** (b)
***Gouldsbury** (a)
 Harrison, G. L. (a)
 Heller (b)
 Kerr
***Lydekker** (a—i)
 McCutcheon
***Madeira**
 Mallet-Veale
***Maugham** (c)
 Methuen
 Peel (a)
*****Roosevelt, T. (g)**
Roosevelt & Heller
*****Schillings**
*****Selous, F. C. (b g)**
 Simmons, G. F.
 Sykes, C. A.
 Vasse
 White (b)
Echidna
 Moore, W. R. (b)
Eland *Taurotragus*
 Akroyd
*****Andersson** (a)
 Bennett
 Brown, W. H.
****Bryden** (e)
 Chadwick (a)
 Chanler
 Chapman, A. (c e)
 Churchill
 Cron
 Curtis
 Dugmore (e)
 Dunbar-Brunton
 Foa
 Glossop
****Gordon-Cummings** (a b)
****Gouldsbury** (a b)
 Harrison, G. L. (a)
 Letcher (a)
****Leveson** (d)
***Lydekker** (a—i)
****Lyell** (c)
***McCutcheon**
***Madeira**
 Methuen
****Millais** (a)
***Patterson** (a)
 Percival
 Puxley
****Roosevelt, T. (g)**
***Roosevelt & Heller**
 Savile
****Schillings**
****Selous, F. C. (b g)**
 Speke
 Studley
 Sykes, C. A.
 Villiers (b)
 Wells, C. (b)
 White (b)
 Willoughby
Eland, Giant or Derby *Taurotragus derbianus*
 Brocklehurst
 Chapman, A. (e)
 Lydekker (a—i)
 Millais (a)
 Thaw
Eland, Patterson
 Patterson (e)
Elephant, Africa *Loxodonta africanus*
 Afalo (c)
*****Akeley** (a b p.23, 35, 47, 52, 53 and c)
 Alexander, B.
*****Andersson** (a e)
 Ansoorge ch 14
 Arkell-Hardwick
 Baden-Powell (b)
 Barnes
 Barns (a b)
 Baum
****Bell, W. D. M.**
 Bennett
 Bewick
 Bickmore
****Bradley, M. H. (b)**
 Brocklehurst
 Bronson
 Brown, W. H.
****Bryden** (d)
 Bulpett
 Burbridge (b)
 Burrows, G.
 Cardinall
 Casati
 Chapman, A. (c)
 Chapman, J.
 Christy
 Churchill
 Cotton
 Cox
 Cron
 Crown Prince of Germany
 Curle, A. T.
 Dickinson
 Doughty
 Drake-Brockman
****DuChailu** (a)
****Dugmore** (a e)
 Dunbar-Brunton
 Dunlop
 Dutton
 Fife-Cookson
***Finaughty**
 Fletcher
***Foa**
****Galton** (a b c e)
 Gibbons
***Gillmore** (h)
*****Gordon-Cummings** (a b)
****Gouldsbury** (b)
 Haardt (b)
 Hallett
 Hamilton, J. S. (c)
 Hardwick
 Harris (a)
 Heller, E. (c)
 Hinde (b)
***Hoeffer**
 Hubbard, W. D. (a)
 Jack
****Jackson, F. J. (b c)**
 Jackson, T. C
 Jardine
*****Johnson, Martin** (a b c and f p.73-80)
 Jordan, J. A.
***Kearton**
 Kellog
 Kerr
 Kipling
 Kirby
****Kittenberger**
 Lardner
 Letcher
 Lethbridge
*****Leveson** (b)
 Livingstone
 Lloyd, A. B. (a b)
 Loring
 Lull (a)
****Lydekker** (a—i)
*****Lyell** (c d g h i)
***McCutcheon**
 Macintyre
 Maxwell, G.
 Melland
 Methuen
 Meyer
****Millais** (a h)
 Milligan
 Mundy
 Murdoch (b)
 Neumann
 Neves
 Newbolt
 N'Zau
 Oates
 Osborn, H. F. (b)

Elephant, Africa—Continued

- Packard
 Park, M. (a b)
 Pearce
 Pease (a)
 Percival
 Petherick
 Porter, J. H.
 *Powell-Cotton (c d)
 Reade
 Roosevelt, E.
 **Roosevelt, T. (g o)
 *Roosevelt & Heller
 Schweinfurth
 ***Selous, F. C. (b g)
 Shorthose
 Skertchly
 Smith, A. W.
 Stanley
 Statham
 *Stigand (b)
 *Sutherland
 Swayne
 **Torday
 *Vandercook
 Ward, H.
 Wardrop (b)
 Wells, C. (b)
 *White (b)
 Whitney, C.
 Wollaston

Elephant, Asia *Elephas maximus*

- **Andersson (e)
 **Baker, S. W. (a b c g)
 Baldwin, J. H.
 Beebe, W. (b)
 ***Bock (a c)
 Braddon
 *Bradley, M. H. (c)
 Burton, R. G. (b)
 Campbell, J.
 Champion
 Christopher
 Clarke (b)
 Cooper, M. C. (a)
 Cooper, R. D.
 Cope (b)
 Cumming, C. F. G. (c)
 Dhu Skene
 Durand
 **Eardley-Wilmot (a c)
 Elliott, A.
 Evans, G. P.
 Faulkner
 Forbes, H. O.
 *Forsyth, J.
 *Gillmore (i)
 Glossop
 Gordon, T. E. (b)
 **Gouldsbury (a)
 *Guillemard
 Hamilton, D.
 **Hornaday (a)
 Hubback (a)
 **Kinloch
 Knighton
 **Leveson (d)
 *Lydekker (a—i)
 Mainwaring
 Mitchell, W.

- Mjoberg
 Morden (d)
 **Newall, J. T. (a)
 Norden (a)
 **Pollock (a b c e)
 Porter, J. H.
 Powell, E. A. (e)
 Powys
 Rice, W.
 Rockhill
 ***Sanderson
 Savory
 Scidmore (a b)
 Scott, W. B. (b)
 ***Shakespear
 Shelford
 Smith, A. M.
 Smyth
 Storey (b)
 ***Tennent (a—d)

Elephant, Dwarf *Loxodonta cyclotis*

- Fraser, D. C. (a)
 Heller, E. (e)
 Thaw
Elephant, Rogue *Elephas*
 Brown, J. M. (a)
 Cooper, M. C. (a)
 Forsyth, J. p.427
 Heller, E. (e)
 Hornaday (a)

Elephant, White *Elephas*, etc.

- *Leveson (b)
 Rathborne ch.8
 *Sutherland
 Symington p 75
 Wilson, Alban
Elephant, White *Elephas*, etc.
 Bock (a)
 Heller, E. (c)
 Moore, W. R. (e)
 Young, E. (a)
 Yule
 See also Siam

Elephant graveyard

- Galton (e) p.146
Elk or Wapiti *Cervus canadensis*
 Adams, J. C.
 Andrews, R. C. (d)
 Anthony
 Audubon (b)
 Bailey, V. (b)

Elk or Wapiti *Cervus canadensis*

- **Baillie-Grohman (c e)
 Baird (a)
 **Baker, S. W. (g)
 Bewick
 Boone
 Borah
 **Dodge (b c)
 **Dugmore (f)
 **Dunraven (a b)
 Farnham, T. J. (b)
 *Filson
 Freeman, L. R.
 *Gillmore (b i j)
 Godman

Elk or Wapiti *Cervus canadensis*

- **Hornaday (d)
 Huntington, D. W. (b)
 Kingston
 Lattimore, O.

- **Leveson (d)
 Lydekker (a—i)
 Meunier
 **Millais (g)
 Mills (c)
 Morden (f)
 Murphy, J. M. (b)
 Nansen (c)
 *Pike, Z
 Preble
 Rogers, A.
 **Selous, P.
 **Sheldon (c)
 Shields
 Shiras (b d g)
 Vachell
 Vivian
 Wallace, D. (c)
 Wrangell p.62

Elk, Asia *Alces alces bedfordiae*

- Atkinson (b)
 Baker, S. W. (b c g)
 Knighton
 Rock, J. F. (d)
 See also Amur River;
 Ceylon

Elk, Darlac**Elk, European *Alces alces alces***

- Barnard
 Chandler, D. (b)
 Chapman, A. (b)
 Fonhus
 Kennedy
 Nilsson
 Oxholm
 Palmer
 Parkman
 Pickett
 Pottinger
 Prichard (d)
 Rainsford (a)
 Ruxton (b)
 Turi
 Young, E. (d)

Elk, Roosevelt *Cervus canadensis occidentalis*

- Roosevelt
 Simplic (c)
 Webster
 See also Olympic Mts.

Ellypsiprimnus *Kobus ellipsiprimnus***Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus*****Ellypsiprimnus *Kobus ellipsiprimnus***

- Fisher, Black-fox** *Martes pennanti*
 Godman
 Lewis and Clark
 Thrasher
- Four-horned antelope** *Tetracerus quadricornis*
 Blanford
 Brander
 *Kinloch
 Lydekker (a—i)
 *Rice, W.
 Sterndale
 Vernay
See also Himalaya; India
- Fox** *Vulpes vulpes*, etc.
 Adams, H. C. (b)
 Anthony
 Apperley (a)
 Audubon (b)
 Bailey, V. (b)
 Barnard
 Baynes (e)
 Bible
 Boone
 Bourne
 Brander
 Capps, S. R.
 Carstensen
 Chapman, O. M
 Cory (a)
 Crawford
 De Veer
 *Dodge (b c)
 Farnham, T. J. (b)
 Filson
 Fraser, J. B. (c)
 Godman
 Graves, R. A.
 Hanbury (b)
 Hardy
 Hayes (a)
 Hedin (b)
 Jackson, F. G.
 Kipling
 Koelz
 *Lewis and Clark
 Lydekker (a—i)
 *Nansen (c)
 Nelson, E. W. (e)
 *Nordenskiöld
 Nuttall (a)
 Payer
 Prichard (b)
 *Radclyffe
 Rutledge
 Thrasher
 Turi
 Wilkins (c)
 Wood (Bible)
 Wrangell p.62, 78, 116, 184
- Fox, Arctic, Polar** *Alopex lagopus*
 Dahl (a)
 Fountain (c)
 Godman
 Lydekker (a—i)
 Mecking
 Zenzinov
- Fox, Black**
 Grenfell (d)
- Fox, Blue** *Alopex lagopus pribilofensis*
 Jackson, F. G.
 Mecking
 Parker, M. P.
- Fox, Desert** *Vulpes macrotis*
 Nelson, E. W. (c)
 Tristram
- Fox, Flying** *Pteropus*
 Barrett, C.
 Cumming, C. F. G. (c)
 Fitzsimons (a)
 Moore, W. R. (b)
See also Fruit bat
- Fox, Gray** *Urocyon cinereo-argenteus*
 Atkinson, A. A.
 Godman
 Lydekker (a—i)
 Wrangell p.62
- Fox, Kit** *Vulpes*
 Lewis and Clark
 Lydekker (a—i)
 Mann, W. M. (d)
- Fox, Red** *Vulpes fulva*
 Chater, M. (c)
 Farnham, T. J. (b)
 Godman
 Holder (a)
 Lewis and Clark
 Lydekker (a—i)
 Wrangell
- Fox, Silver** *Vulpes fulva*
 Baillie-Grohman (b)
 Grenfell (d)
 Lewis and Clark
 Lydekker (a—i)
 Mills (c)
 Murphy, J. M. (b)
 Oxholm
 Philipps-Woolley
 Washburn, B. (a)
 Wrangell p.78
- Fox, Swift** *Canis*
 Godman
- Fox, White** *Alopex lagopus*
 Hanbury (b)
- Galago, Garnett's**
See Monkey
- Gaur, Gaor, Indian buffalo**
Bos gaurus
 Afialo (b)
 *Bradley, M. H. (c)
 Brander
 Christopher
 Evans
 Fenton
 *Hornaday (a)
 Jardine
 **Kinloch
 *Lydekker (a—i)
 *Pollock (e)
 *Rice, W.
 Sanders, A. H. (b)
- *Stebbing, E. P.
 *Whitney, C.
See also Seladang or Sladang
- Gayal or Mithan** *Bos frontalis*
 *Blanford
 Jardine
 Lydekker (b)
 *Pollock (a)
 *Sanderson, G. P.
 Slater
 Yule (b)
- Gazelle**
See
 Ariel; Chinkara;
 Dorcas; Gerenuk;
 Grant; Impala;
 Isabella; Red-front;
 Sommering;
 Tibetan, etc.
- Gazelle, African** *Gazella*, etc.
 Cardinall
 Chapman, A. (b e)
 Cotton
 Dickinson
 Domville-Fife
 Johnson, F. E. (a)
 *Kittenberger
 *Lydekker (a—i)
 *Maugham (c)
 Meakin (b)
 Pease (a)
 Peel (a)
 Percival
 Raswan ch 8
 Roosevelt & Heller
 St John, B
 Saville
 *Schillings
- Gazelle, Arabian** *Gazella arabica*
 Lydekker
 Mann, W. M. (d)
See South Arabia
- Gazelle, Asian** *Gazella*, etc.
 Bible
 Burton, R. G. (b)
 Carruthers (a)
 Cheesman (b)
 Church
 Fraser, J. B. (d)
 Gordon, T. E. (a)
 Hedin (k)
 Hollister (b)
 Kennion (c)
 *Kinloch
 Lydekker (a—i)
 *Newall, J. T. (a)
 *Rice, W.
 Ronaldshay (a)
- Gazelle, Desert**
 Andrews, R. C. (g)
- Gazelle, Dorcas** *Gazella dorcas*
 Alexander, B.
 Brocklehurst
 Jordan, J. A.
 Lydekker (a—i)
 Tristram, C.

- Gazelle**, *Goitre* *Gazella sub-gutturosa*
 Fraser, J. B. W.
 Lydekker (a—i)
 Morden (e)
- Gazelle**, *Grant*
See Grant gazelle
- Gazelle**, *Gutturosa* *Gazella gutturosa*
 Andrews, R. C. (d)
 Lydekker (a—i)
- Gazelle**, *Indian* *Gazella ben-netti*
 Brander
 Lydekker (a—i)
See also Chinkar
- Gazelle**, *Mountain* *Gazella cuvieri*
 Buxton
 Lydekker (a—i)
 Sclater
See also Algeria
- Gazelle**, *Persian* *Gazella sub-gutturosa*
 Blanford
 Lydekker (a—i)
- Gazelle**, *Sommering* *Gazella soemmerringii*
 Baum
 Brocklehurst
 Lydekker (a—i)
 Swayne (b)
See also Abyssinia;
 Sudan
- Gazelle**, *Speke's* *Gazella spekei*
 Lydekker (a—i)
 Sclater
See also Somaliland
- Gazelle**, *Tibetan* *Gazella pecticaudata*
 Kinloch
 Lydekker (a—i)
 Macintyre
See also Goa; Indus;
 Ladak
- Gazelle**, *Yarkand* *Gazella yarkandensis*
- Gemsbok** or **Gemsbuck**
See Oryx
- Genet** *Genetta*
 Fraser, J. B. (d)
 Mann, W. M. (d)
 Schillings
- Gerenuk**, *Waller's* gazelle
Litocranius walleri
 Barnes
 Baum
 Bronson
 Dickinson
 *Dugmore (a)
 Glossop
 *Gouldsbury (d)
 Hoeffer
 Lydekker (a—i)
 Mainwaring
 Meikle
 Mosse
 Neumann
 Osgood, W. H. (f)
- Peel (a)
 *Roosevelt, T. (g)
 *Schillings
 Smith, A. D.
 *Sutton (a)
 Swayne (b)
 Tourneur
- Giant pig** *Sus*
 Madeira
 Rice, W.
See also Pig
- Gibbons**
 Cooper, M. C. (a)
 Mann, W. M. (b)
 Yerkes
See also Monkeys
- Giraffe**, *Cameleopard*
affa
 **Akeley (c) ch.3
 Alexander, B.
 **Andersson (a)
 Arkell-Hardwick
 **Baker (a)
 Barnes
 Bewick
 Bronson
 Bulpett
 Chanler
 Chater, M. (f)
 Clarke (a b)
 Colbert (b)
 Cron
 Curtis
 Dickinson
 Doughty
 **Dugmore (a e)
 Foa
 **Galton
 *Gillmore (h)
 *Gordon-Cumming (b)
 Hamilton, J. S. (b)
 Harris (a)
 Hoeffer
 Jardine
 Johnson, Martin (d)
 Johnston, H. H. (c e—1)
 Kerr
 Kirby (a b)
 **Kittenberger
 *McCutcheon
 *Madeira
 Marston, J.
 *Maugham
 Methuen
 Meunier
 Mittelholzer
 Neumann
 Peel (a)
 Percival
 *Powell-Cotton (d)
 **Roosevelt, T. (g)
 Roosevelt & Heller
 Savile
 *Schillings
 ***Selous, F. C. (b g)
 Selous, P.
 Shay, F.
 Yule
- Glutton** *Gulo luscus*
 Atkinson (b)
 Barnard
- Farnham, T. J. (b)
 Fountain (c)
 Fraser, J. B. (d)
 Godman
 Gouldsbury (a)
 Jackson, F. J. (c)
 Ruxton (b)
See also Wolverine
- Gmelin sheep** *Ovis orientalis gmelini*
 Lydekker (a—i)
See also Asia Minor;
 Persia
- Gnu**, *Brindle* *Connochaetes taurinus*
 Dugmore (a)
- Gnu**, *Wildebeeste* *Connochaetes*
 Andersson (a)
 Bland-Sutton
 Brown, W. H.
 Jardine
 *Lydekker (a—i)
 *Maugham (c)
 Methuen
- Goat**
 Adams, H. C. (d)
 Baker, S. W. (a e)
 Beebe, W. (c)
 Holder (a)
 Meakin (b)
 Peel (a)
 Phillipps-Woolley
 Selous, F. C. (g)
See also
 Angora;
 Bouquetin (Ibex);
 Chamois; Goral;
 Ibex; Izard;
 Markhor; Nilgiri;
 Rocky Mt.; Serow;
 Tahr; Takin; Tur
- Goat**, *Nepaul* *Capra*, etc.
 Jardine
- Goat**, *White*, *Rocky Mt.*
Oreamnos americanus
 Audubon (b) p.130 v.3
 *Baillie-Grohman (c)
 Baird (a)
 Clark, H. B.
 *Dugmore (f)
 **Fannin
 **Hornaday (a)
 Huntington, D W (b)
 *Leveson (d)
 *Lewis and Clark
 *Lydekker (a—i)
 McGuire
 Mills (c d)
 Muir
 Murphy, J. M. (b)
 Oshorn, H. F. (b)
 Preble
 **Sheldon (b)
 Shenon
 *Shields
 Thomas, W. S.
 Vachell
 Walcott, C. D. (b)
 Wallihan (a b)
 Williams, I. A.

Goat, Wild, Asia *Capra*

Andrews, R. C. (d)
 Atkinson
 Cheesman (b)
 Fletcher
 Fraser, J. B. (c)
 Huc
 Jardine
 *Kennion (a)
 *Lydekker (a—i)
 Maxwell, G.
 Rockhill
 *Selous, F. C. (e)
 Wood (Bible)

Goat-antelope

Huc
 Lydekker (a—i)
 Mjöberg
 Swettenham
See also Kashmir;
 Malay; Serow;
 Sumatra; Tibet

Gopher

Nichols, R. A.

Goral, Antelope, Asiatic

Nemorhaedus
 Andrews, R. C. (c d)
 Burrard (a)
 Caldwell
 Eardley-Wilmot
 Leveson (b)
 Lydekker (g)
 Markham
 Newall, J. T. (d)
 Sowerby (c)
 Stebbing, E. P.
See also Himalaya

Gorilla *Gorilla*

***Akeley (b)
 Bailey, H.
 Ballantyne
 Barns (a b)
 **Bradley, M. H. (a b)
 Burbridge (b)
 Burrows, G.
 Burton, R. F. (j)
 Dubois

***DuChailu (a b c and g
 ch 7-10)

Fenton (b)
 Fitzsimons (b)
 Fylenman
 Grauer
 Gregory
 Hanno
 Hegner
 Johnston, Martin (d)
 Keith
 Kellog
 Kingston
 Lankester (b)
 *Maugham (c)
 Meunier
 N'Zau
 Packard
 Reade
 Thaw
 Vandercook
 William, P. of S.
 Yerkes

Grant gazelle *Gazella granti*

Brocklehurst
 Bronson
 Clarke (a)
 *Dugmore (a)
 Heller (b)
 *Lydekker (a—i)
 McCreaigh
 McCutcheon
 Madeira
 Percival
 **Roosevelt, T. (g)
 **Schillings

Grevy Zebra *Equus grevyi*

Barnes
 Dugmore (a)
See also Zebra

Grison

Adams, H. C. (c) p.411

Grizzly bear

Audubon (b)
See also Bear

Grizzly, Man-killer

Adams, J. C.

Ground hog *Marmota*

monax
 Audubon (b)
 Corey, H. (c)
 Filson
 Lambert, R. W.
 Talman (a)

Grysbuck *Raphucerus (Nototragus) melanotis*

Brown, W. H.
 Gordon-Cumming (b)
 Lydekker (a—i)

Guanaco *Lama glama*

Adams, H. C. (b)
 Church
 Darwin
 Enoch
 Fitzroy
 *Fountain (b)
 Hildebrand, J. R. (b)
 Lydekker (a—i)
 Prichard (b d)
 Prodlgers
 Spears
See also Huanaco

Guazupuco *Blastocerus dichotomus*

Jardine (Paraguay)
See also Deer

Guazuti deer *Blastocerus*

bezorticus
 Lydekker (a—i)
See also Deer; Pampas

Guemal (S.A.) *Hippo-*

camelus bisulcus
 Lydekker (a—i)
 Prichard (b d)
See also Deer; Huemal

Guinea-pig *Cavia*

Enoch

Hangul *Cervus hanglu*

Brooke
 Falconer
 Lydekker (a—i)

Macintyre

Stebbing, E. P.
See also Kashmir stag

Hare or Rabbit *Lepus*, etc.

Baldwin, W. C.
 Barnard
 Dunmore
 Forbes
 Gillmore (b)
 Grenfell (d)
 Koelz
 Mackenzie, A.
 Mecking
 Murphy, J. M. (b)
 Nelson, E. W. (e)
 Pellow
 Prichard (b)
 St. John, J. A.
 Sandys ch.27
 Shiras (d g)
 Wood (Bible)
 Wrangell

Hare, Arctic

MacMillan (c d e)
See also Hare

Harnessed antelope *Trage-*

laphus scriptus
 Brown, W. H.
 Jardine
 Lloyd, A. B. (b)
 Lydekker (a—i)
 Mann, W. M. (d)
 Simmons, G. F.

Hartebeeste or Kongoni

Bubalus
 Affalo
 Baum
 Bewick
 Brocklehurst
 Bronson
 Chadwick (a)
 Chapman, A. (c e)
 Clarke (b)
 *Cron
 Dickinson
 Domville-Fife
 Faulkner
 Foa
 Fraser, D. C. (b)

***Gordon-Cumming (b)

**Gouldsbury (a d)
 Harrison, G. L. (a)
 Johnston, H. H. (e—1)
 Keller (b)

Kerr

*Leveson (d)

*Lydekker (a—i)

Lvell

McCreaigh

*McCutcheon

*Maugham (c)

Methuen

Percival

*Powell-Cotton

*Roosevelt, T. (g)

Roosevelt & Heller

Savile

***Selous, F. C. (b g)

See also Blessbok;

Bontebok; Kongoni

Hartebeeste, Coke's *Alcelaphus*

cobii
Dugmore (a)
Lydekker (a—i)
Madeira
Peel (a)

Hartebeeste, Hunter's *Dam-*

aliscus hunters
See Hartebeeste

Hartebeeste, Jackson *Alcelaphus buselaphus jacksoni*

Lydekker (a—i)
Madeira
Roosevelt, T. (g)

Hartebeeste, Neumann *Alcelaphus neumanni*

Madeira

Hedge hog *Erinaceus europaeus*

Costa, G.
Wood (Bible)

Hippopotamus, African *Hippopotamus amphibius*

Ansorge ch 17
Arkell-Hardwick
Bailey, H.

*****Baker, S. W. (a d g)**

Barns (a)
Baum
Bennett
*Bewick
Bland-Sutton
Brocklehurst
Brown, W. H.
Casati
Chadwick (a)
Chapman, A. (e)
Churchill
Clarke (a)
Curle, A. T.
Dowsett
Dubois

DuChailu (a c)*Dunbar-Brunton****Faulkner****Findlay****Foa*****Galton*****Gordon-Cumming (a b)*****Gouldsbury (a b)****Haardt (b)****Hamilton, J. S. (c)****Hinde (b)****Holmes****Hubbard, W. D. (a)****Jack*****Jackson, F. J. (b c)****Johnson, Martin (d)****Kerr****Kirby (a b)*****Kittenberger****Lardner****Latham****Letcher****Lethbridge****Lloyd, H. B. (b)****Loring*****Lyell (c d f g)****McCreagh****Madeira*****Maugham (c)****Meunier******Millais (a)****Neves****Percival****Petherick*****Powell-Cotton*****Roosevelt & Heller****Savile*****Schillings*******Selous, F. C. (b g)****Stanley, W. B.*****Wood (Bible)****See also Behemoth****Hippopotamus, Man-killer**

Baker, S. W. (a) p.61

Chadwick (d)

Hippopotamus, Pigmy

Lydekker

Hog, Pigmy *Sus*

Kinloch

See also Pig

Hog, River *Sus*

Duguid

See also Pig

Hog, Wild *Sus*

Brocklehurst

Brown, J. M. (b)

Brown, W. H.

Burbridge (b)

Christy

Evans

Felix

*Fraser, J. B. (c)

Fraser, T. G.

Glasfurd (b)

Glossop

Hamilton, J. S. (b)

*Hornaday (a)

*Leveson (d)

****Newall, J. T. (d)**

Ober

Oswald

Peel (a)

**Pollock (c e)

**Powell-Cotton

**Rice, W.

Savile

See also Boar; Pig

Horse, Arabian and others

Equus caballus

Burton, R. F. (k)

Dodge, T. A.

Raswan

Horse, Wild *Equus*

Andrews, R. C. (d)

Baker, S. W. (e)

Blake, F.

Bourne

Burg, A. (a)

Carter, W. H.

Chater, M. (h)

Church

Cope (b)

Darwin

Dunmore

Epler

Falkner

Farnham, T. J. (b)

Flack (b) ch.3

Fraser, J. B. (d)

***Hornaday (e)**

Jones, C. J.

Kephart

Kipling

Nuttall (a)

Osborn, H. F. (b)

Paes

Pike, Z.

Reid

Taunton

****Vambery**

Vialles

Webb, W. E.

Webber (d)

Young, E. (e)

Huanaco or Huanucu

Hudson (a)

Kingston

Tschudi

See also Guanaco

Huemal

Prichard (b)

See also Guemal

Hunting leopard

See Cheetah; Leopard

Huskie

See Dog, Eskimo

Hyacna, Man-killer

Hornaday (a)

Roosevelt, T. (g)

Hyena, hyaena, Striped,

Spotted Hyacna stri-

ata, Crocuta crocuta

****Andersson (a)******Baker, S. W. (a g)**

Baldwin, J. H.

Baldwin, W. C.

Barnes

Baum

Brander

Bronson

Brown, W. H.

Chadwick (a)

Chanler

Cheesman (b)

Churchill

Cron

Doughty

*DuChailu (f) p.41

*Dugmore (a)

Fraser, J. B. (c)

*Galton

Glasfurd (b)

*Gouldsbury (a)

Haardt (c)

*Hornaday (a)

Johnston, H. H. (e—1)

Kinloch

****Kittenberger**

*McCutcheon

Madeira

Maugham (e)

Meakin (b)

Methuen

Murphy, E. R. (a)

Pease (a)

Peel (a)

Pellow

Percival

****Roosevelt, T. (g)**

St. John, B.

- St. John, S. T.
Savile
**Selous, F. C.
Wood (Bible)
Hygeen riding camel
Baker, S. W. (a)
See also Camel
Hyrax *Hyrax*
Baum
Brocklehurst
Burton, R. G. (b)
Wood (Bible)
See also Rock rabbit
Ibex, African *Capra nubiana*
or *Wahe*
Brocklehurst
Lydekker (a—i)
Maydon (a)
Millais (a)
Powell-Cotton (c)
Ibex, Black *Capra*, etc.
Gordon, T. E.
Lydekker (a—i)
Ibex, European *Capra ibex*
Chapman, A. (c)
Demidoff (a)
Lydekker (a—i)
Mann, W. M. (d)
Ibex, Indian, Asia *Capra*
sinaitica, etc.
Aflalo (b)
**Andrews, R. C. (d e)
Arbuthnot
Atkinson (b)
Baum
Bewick
Burrard (a)
Clarke (b)
Conway (a)
Crown Prince of Germany
Darrah
Dunmore
Etherton (b)
Grew
Hamilton, D.
Harrison, G. L. (a)
**Hedin (b)
*Hornaday (a d)
Houghton
Jardine
Kennan
*Kennon (e)
Knight
*Leveson (b d)
*Lydekker (a—i)
*Markham
Pollock (b)
*Rice, W.
Ronaldshay (a)
Roosevelt, E.
*Roosevelt, T. & K. (b)
Rundall
**Shakespear
Stockley (d)
Sykes, E. C. (b)
Taylor, N. C.
Thomas, B.
Whistler
*Younghusband, F. (a)
Ibex, Siberian *Capra sibirica*
Kinloch
Lydekker (a—i)
Morden (f)
Illik or Tien Shan Roe-deer
Morden (f)
Impala, Gazelle *Aepyceros*
melampus
**Andersson (a)
Barnes
Bronson
Brown, W. H.
Chapman, A. (c)
*Cron
Dickinson
*Dugmore (a)
Faulkner
**Gordon-Cummings (b)
**Gouldsbury (a)
Hoefler
Jardine
Johnston, H. H. (e—1)
*Kearton (c)
Kerr
Lethbridge
**Leveson (d)
**Lydekker (a—i)
*McCutcheon
Madeira
*Maugham
*Methuen
Neumann
Percival
*Roosevelt, T. (g)
*Schillings
***Selous, F. C. (b g)
Sutherland
White (b)
Insect-eater *Ptilocercus lowei*
Mjoberg p.30
Inyala *Tragelaphus angasi*
Johnston, H. H. (e—1)
Maydon (a)
See also Bush-buck;
Nyala
Isabella
Brocklehurst
Izard
Buxton (a)
Lydekker (a—i)
See also Chamois;
Pyrenees
Jackal *Thos aureus*
Atkinson (b)
*Baden-Powell (b)
**Baker, S. W. (b)
Baldwin, W. C.
Barnes
Brander
Brown, W. H.
Chapman, A. (c)
Churchill
Cumming, W. G.
*Eardley-Wilmot
Fraser, J. B. (c)
Glasfurd (b)
*Gouldsbury (a)
Haardt
Hingston (c)
*Hornaday (a)
Ingليس
Kipling
*Kittenberger
*McCutcheon
Madeira
Maugham
Meakin (b)
*Newall, J. T. (a)
Pease (a)
Peel (a)
Pellow
Percival
*Pollock
Wood (Bible)
Jaguar *Felis onca*
Adams, H. C. (c)
Aflalo (c)
Agassiz
Andre
Anthony (c)
Audubon (b) p 4 v 3
Azara
Baird (a)
Bates
Beebe, M. B.
Bull
Chapman, F. M. (j)
Church
Crampton, H. E.
Darwin
Dickey
Duguid
Dyott
Elliot, D. G. (g)
Enoch
Fleming
**Fountain (b)
Gadow
Hingston (b c)
Holland
**Hudson (a)
Johansen
Lockington
McDermott
Meunier
Morley, S. G.
Oswald
Paes
Perez
Porter, J. H.
Prodgers
*Rice, A. H.
*Roosevelt, T. (i)
Russell, P.
Sands, W. F.
Schurtz
Shantz
Shiras (h)
Smith, H. H.
Stevens
Thomson, W.
Wallace, D. (c)
Waterton
Wells, J. W.
*Whitney, C. (d)
Zahm
Jaguar, Black ("Tiger")
Felis onca
Heilprin (e)
Lange (a)
Schurz

- Jaguar, Black—Continued**
 Smith, H. H.
 Wallace, A. R.
 Wells, J. W.
- Jaguar, California**
 Adams, J. C.
- Jaguar, Man-killers and Man-eaters *Felis onca***
 Barnes
 Paes
 Prodgers
 Singer
- Jaguar, Spotted**
 Smith, H. H.
- Jaguar, Yellow or Puma *Felis onca***
 Lange (a)
- Javalin**
 Byam ch 7
See also Peccary
- Jerboa**
 Adams, H. C. (f)
- Kambing *Capricornis sumatraensis***
 Blanford
 Bock (a)
 Jardine
 Kinloch
 Lydekker (a—i)
See also Cambing;
 Gambing; Serow;
 Utang
- Kanchil *Tragulus kanchil***
 Bock (a)
See also Antelope;
 Deer; Sumatra
- Kangaroo *Macropus*, etc**
 Ault
 Bicknell
 Denton
 Gregory, H. E.
 Harrison, B.
 Lee, Mrs.
 Lumholtz (a)
 Mann, W. M. (d)
 Miller, G. S. (b)
 Moore, W. R. (b)
 Nejame
 Schlaikjer
 Semon
 Wilkins, G. H.
- Kangaroo, Tree *Dendrolagus ursinus***
 Barbour, T. (b)
- Kashmir-stag *Cervus hanglu***
 **Baker, S. W.
 Blanford
 Burrard
 Lydekker
 Younghusband, F. (a)
See also Deer; Stag
- Kiang or Kyang *Equus kiang***
 Carter, W. H.
 Church
 DeLisdain
 Dunlop
 *Kinloch
 Leveson (b)
 Macintyre
 *Markham
- Ronaldshay
 Trinkler
 Wellby (a)
- Kinkajou *Potos flavus***
 Anthony (c)
 Bull
 Gadow
 Jardine
- Klipspringer *Oreotragus oreotragus***
 Baum
 Brocklehurst
 Gillmore (f)
 Gordon-Cumming (b)
 Gouldsbury (a)
 Heller (b)
 Kerr
 *Lydekker (a—i)
 *Lyell (c)
 Mallet-Veale
 Maugham (c)
 Meikle
 Peel (a)
 Powell-Cotton (c)
 *Schillings
 *Selous, F. C. (b)
 Swayne (b)
 Vasse
- Koala**
 Lewis, F.
 Miller, G. S. (b)
See also Australian bear
- Kob *Adenota***
 Brocklehurst
 Keller (b)
 Millais (a)
 Roosevelt, T. (g)
 Stanley, W. B.
- Kongoni**
 Percival
See also Hartebeeste
- Konzi *Alcelaphus lichtensteini***
 Crawshaw
 Lydekker
 Selous, F. C. (b)
See also Hartebeeste;
 Zambesi
- Koodoo *Strepsiceros strepsiceros***
 Andersson (a)
 ***Baker, S. W. (a)
 Baum
 Brocklehurst (G & L.)
 Bronson (K. L.)
 *Bryden (e)
 Cron
 Dickinson (G. and L.)
 Domville-Fife
 Faulkner
 **Galton
 Gillmore (f)
 **Gordon-Cumming (b)
 Gouldsbury (a b)
 Heller (b)
 Jardine
 Kerr
 Kirby (a b)
 *Leveson (d)
 *Lydekker (a—i)
 Lyell (c g)
 Mallet-Veale
- Maugham (c)
 Meikle
 Mosse
 Osgood, W. H. (f)
 Peel (a)
 Percival
 *Powell-Cotton (c d)
 Roosevelt and Heller
 Sanford and Legendre
 Savile
 **Schillings
 ***Selous, F. C. (b g)
 Shelley
 Swayne (b)
 Tjader
 Vasse
See also Kudu
- Kulan *Equus hemionus***
See Wild ass
- Langur *Presbytis***
 Brander
 Lydekker (a—i)
See also Monkey
- Lechwe *Onotragus megaceros***
 Andersson (a)
 Baker, S. W. (a)
 Blaine
 Brocklehurst
 Chadwick (a)
 Chapman, A. (e)
 *Gouldsbury (a b)
 Harrison, G. L. (a)
 Letcher
 Lethbridge
 Lydekker (a—i)
 *Millais
 *Selous, F. C. (b)
- Lechwe, Black *Adenota kob***
 Letcher
 Livingstone
 Lydekker
See also Zambesi
- Lechwe, Red *Onotragus lechwe***
 Gouldsbury (a)
 Livingstone
 Lydekker (a—i)
See also Zambesi
- Lemming *Lemmus lemmus***
 Dennis, A. P. (b)
 Hayes, J. G. (a)
 Mecking
 Nelson, E. W. (e)
 Stejneger
 Wilkins (c)
- Lemur *Lemur***
 Bock (b)
 Fenton
 Fitzsimons (b)
 Gouldsbury (a)
 Mann, W. M. (d)
 Mjoberg ch.2
 Romer
 Shelford
 Yerkes
See also Monkeys
- Lemur, Flying *Galeopithecus***
 Miller, G. S. (b)
 Mjoberg ch.2

Leopard, African *Panthera pardus*

- Andersson (a)
 Bailey, H.
 ***Baker, S. W. (a)
 *Baldwin, W. C.
 Barns (a)
 Baum
 Bennett
 Bewick
 Bradley, M. H. (a b)
 Brocklehurst
 Bronson
 *Bryden (e)
 Casati
 Chater, M. (f)
 Cron
 Domville-Fife
 Dowsett
 Drake-Brockman
 DuChailu (a f)
 Dunbar-Brunton
 Dutton
 Elliot, D. G. (g)
 Foa
 *Gillmore (f)
 **Gouldsbury (a)
 Hamilton, J. S. (c)
 Hubbard, W. D. (a)
 Johnson, Martin (a)
 Jordan, J. A.
 Kearton
 Kerby (a b)
 Kerr
 *Kittenberger
 Letcher
 *Leveson (b d)
 Lloyd, A. B. (b)
 *Lydekker (a—i)
 McCreigh
 Madeira
 Mann, W. M. (d)
 Maugham
 Meikle
 Methuen
 ***Millais
 Milligan
 Mosse
 Neumann
 Pearce
 Pellow
 Percival
 Porter, J. H.
 *Powell-Cotton (a)
 Powys
 ***Roosevelt, T. (g)
 Roosevelt-Heller
 Savile (a b)
 **Schillings (a b)
 Schweinfurth
 ***Selous, F. C. (b g)
 Shelley
 Stanley
 **Sutherland
 **Sutton (a)
 Swayne (b)
 Sykes, C. A.
 **Torday
 Vasse
 Ward, H.
 Wells, C. (b)

**White, S. E. (b)
 Younghusband, E.

Leopard, Black, Africa *Panthera pardus*

Hoefler
 Tjader

Leopard, Black, Asia

Andrews, R. C. (c)
 Guillemard
 Lydekker (a—i)
 Thomson

Leopard, Cattle-killer *Panthera pardus*

Blanford (b) p.70
 Hornaday (a)

Leopard, Climbing *Panthera pardus*

Vasse

See also Leopard

Leopard, Clouded *Felis (Neofelis) nebulosa*

Andrews, R. C.
 *Blanford (b) p.73-4
 Blyth
 Buck, F. ch.7
 Clark, L. p.410
 Elliot, D. G. (g)
 Heilprin (b) p.383
 Hodgson
 Hose, C.
 Jerdon

*Lydekker (b)
 Mann, W. M. (b d)
 Milne-Edwards v.1, p.208
 Mjoberg p.22
 Regan, C. T.
 *Stebbing, E. P. (b)
 Sterndale, R. A.
 Suffolk

See also Marbled cat

Leopard, Hill *Panthera pardus*

Stebbing

Leopard, Hunting *Acinonyx jubatus*

Brander
 Cutting (a)
 Fitzsimons (a)
 Jardine

*Kinloch
 *Lydekker (a—i)
 Macintyre
 *Maugham
 Peel (a)
 Polo, M.
 Smith, A. M.
 See also Cheetah

Leopard, Indian, Asia *Panthera pardus*

Affalo (b)
 *Akeley (b)
 *Andrews, R. C. (c)
 Arbuthnot

***Baker, S. W. (b)
 Blanford (b)
 Bock (b)
 Burrard (a)
 Burton, R. G. (b)
 Champion
 Christopher

Church

*Cooch Bahar
 Cumming, C. F. G. (c)
 Demidoff (a)

Dunlop
 Evans
 Fenton
 Fife-Cookson
 Fletcher
 Forsyth
 Gillmore (i)
 Glossop

*Gouldsbury (c)
 Hamilton, D.
 Hamilton, J. S. (c)
 Hingston (c)

**Hornaday (a)
 Inglis
 Jernigan
 Kinloch

***Leveson (b d)
 Lydekker (a—i)

***Lyell (d)
 Macintyre
 *Markham
 Millett
 Milne-Edwards

***Mjoberg
 Pereira
 *Pollock (a c e)
 Polo, M.
 Porter, J. H.
 Rock, J. F. (b e f)
 Ronaldshay (a)

*Roosevelt, T. & K.
 Rundall

*Sanderson
 Savory
 Senha

***Shakespeare
 Sowerby (b)

**Stebbing, E. P. (a b c)
 Stockley (d)
 Storey (a b)

Vernay
 ***Whitney, C. (c)
 Wilson, A.
 Wood (Bible)

Leopard, Man-eater *Panthera pardus*

Barnes
 Blanford (b) p.65
 Bradley, M. H. (a)
 Fletcher

*Gouldsbury (c)
 Hamilton, C.
 Hornaday (a)

*Leveson (d)
 Macintyre
 *Roosevelt, T. (g)
 Senha
 *Stebbing, E. P. (b)
 *Torday

Leopard, Massai *Panthera pardus*

Schillings (b)

Leopard, Mountain *Panthera pardus*

Percival

Leopard, Snow *Uncia uncia*

Andrews, R. C. (d)
 Beebe, W. (b)
 Dunmore
 Elliot, D. G. (g)
 Kinloch (Ounce)
 Lattimore, O.
 *Leveson (b)
 *Lydekker (a—i)
 Ronaldshay (a)
 Rundall
 Stebbing, E. P.
 Tyacke

See also Ounce

Leopard, Swahili *Panthera pardus*

Schillings

Leopard, Swamp *Panthera pardus*

Gouldsbury (a)

Lion, African *Felis leo*

- ***Andersson (a e)
 Arkell-Hardwick
 ***Baker, S. W. (a d g)
 Baldwin, W. C.
 Ballantyne (a)
 Barnes
 Barns (a)
 Baum
 Bell, W. D. M.
 Bennett
 Bewick
 *Bradley, M. H. (a b)
 Brocklehurst
 Brown, W. H.
 **Bryden (d e)
 Burbridge (b)
 Burchell
 Casati
 Chadwick (a d)
 Chanler
 Chapman, A. (c)
 Chater, M. (f)
 Churchill
 Clarke (a b)
 Cooper, R. D.
 Coudenhove
 Cron
 Cumming, W. G.
 Curtis
 Dickinson
 Domville-Fife
 Doughty
 Dowsett
 Drake-Brockman
 Drummond
 *DuChailu (f)
 **Dugmore (a e)
 Dunbar-Brunton
 Egerton
 Finaughty
 Findlay
 *Foa
 *Galton (a b e)
 Gerard (a d)
 Gibbons
 *Gillmore (h i l)
 Glossop
 ***Gordon-Cumming
 **Gouldsbury (a)
 Haardt (c)

Hamilton, T. S.

- Harris (a)
 Hodson
 Hoefler
 Inverarity
 Jack
 *Jackson, F. J. (b c)
 Jackson, T. C.
 Jardine
 ***Johnson, Martin (a d)
 Kellog
 Kerr
 Kingston
 Kirby (a b)
 **Kittenberger
 Letcher
 Lewis, A. W.
 **Lloyd, A. B. (a b)
 Lucas
 ***Lyell (g h)
 McCutcheon
 Madeira
 Mainwaring
 Maugham
 Meakin
 Meikle
 Melliss
 Methuen
 Meunier
 **Millais
 Morit
 Mosse
 Napier, E. D. H. E. (a)
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 Neves
 Newbolt
 Nicholson
 Oates
 Park, M.
 *Patterson (a)
 Pearce
 Pease (b c)
 Peel (a)
 Pellow
 Percival
 Porter, J. H.
 Powell-Cotton (d e)
 Powys
 Puxley
 Rainey
 Rice, W.
 ***Roosevelt, T. (g)
 Roosevelt-Heller
 Savile (a b)
 ***Schillings (a b)
 Scully
 ***Selous, F. C. (a b d e g)
 Shorthose
 Skelly
 Skertchly
 Smith, A. D.
 ***Stanley, H. W.
 Stanley, W. B.
 ***Stigand (b)
 Stockley (d)
 Studley
 *Sutherland
 *Sutton (a)
 Swayne (b)
 Sykes, C. A.
 Tams

*Tjader

*Torday

Vasse

Vivian

Wells, C. (b)

***White, S. E. (a b)

Wienholt

William, P. of S.

Willoughby

Wollaston

Wright

Younghusband, E

Lion, African, Man-killer and Man-eater *Felis leo*

- Aflalo (c)
 Alexander, B. p.50
 Alexander, J. E. (a) ch.9
 ***Andersson (a b e)
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 *Barnes
 Barrett, O. W. p.819-20
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 Holmes
 Kerr
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 Letcher
 Loring
 MacQueen
 **Maugham (c)
 **Millais
 Nicholson
 ***Patterson (a)
 Percival
 ***Selous, F. C. (g)
 Shorthose
 Spry
 Stigand (c)
 Suffolk
 Sutherland
 Torday
 Treatt (b)
 Vasse
 *White, S. E. (b)
Lion, American *Felis concolor*
 Adams, J. C.
 Boone
 Burbidge
 Burbridge (c)
 Cory (e)
 Gillmore (j)
 Holder (a)
 *Hornaday (e)
 Huntington, D. W. (b)
 *Lewis and Clark
 *Marcy (b)
 Mills (c d)
 Singer
See also Cougar;
 Panther

- Lion, Asia** *Felis leo persicus*
 Andersson (e)
 Arnold p.326
 **Blanford (b) p.57
 Doughty
 Elliott, A.
 Fenton
 Fraser, J. B. (c d)
 Hubbard
 Jernigan
 Kinnear
 **Newall, D. J. F.
 Newall, J. T. (a)
 Pocock (c)
 **Pollock
 Polo, M.
 Rice, W.
 Suffolk
 **Vernay
 Wilson, A.
 Wood (Bible)
 Yule (a)
- Lion, Black-maned** *Felis leo*
 **Akeley (b) p.69
 **Andersson (e)
 Duhois
 *Galton
 Gouldsbury (a d)
 Jardine
 Leveson (d)
 Rice, W.
 Thomson, W.
 White (b)
 Yule
- Lion, Cannibal** *Felis leo*
 Andersson (a e)
- Lion, Cattle-killer** *Felis leo*
 Andersson (e)
 Gibbons (b)
 Selous, F. C. (g)
- Lion, Gambian** *Felis leo gambianus*
 Simmons, G. F.
- Lion, Grey** *Felis leo*
 Leveson (d)
- Lion, Maneless** *Felis leo*
 Drummond
 Jardine
 Newall, J. T.
 Rice, W.
- Lion, Masai** *Felis leo*
 Schillings (b)
- Lion, Mesopotamia** *Felis leo persicus*
 Doughty
 Fraser, J. B. (c)
 Gordon, T. E. (b)
 See also Asiatic lion
- Lion, Mountain**
 Kolb, E.
 See also Cougar, etc.
- Lion, Red** *Felis leo*
 Yule
- Lion, Tiger** *Felis leo*
 Wilson, A.
- Lion, Ukamba** *Felis leo*
 Schillings
- Lion, White** *Felis leo*
 Gouldsbury (a)
- Lion, Yellow-maned** *Felis leo*
 Leveson (d)
- Llamas** *Lama*
 Adams, H. C. (b)
 Bingham, H. (c e)
 Bishop, N. H.
 Carpenter, F. G. (d)
 Conway (e)
 Darwin
 Dell
 Enoch
 Fountain (b)
 Grubb
 Holland
 Jardine
 Means, P. A.
 St. Cricq
 Shippee, R. (a b)
 Squier (c)
 Townsend, C. W. (d)
 Tschiffely
 Tschudi
 Zahm
- Lynx** *Lynx*, etc.
 Atkinson (b)
 Baldwin, W. C.
 Barnard
 Chapman, A. (b)
 *Dunraven (a)
 Elliot, D. G. (g)
 Farnham, T. J. (b)
 Fountain (a c)
 Fraser, J. B. (c d)
 Godman
 *Gouldsbury (a)
 Hedin (b l)
 Holder (a)
 *Hornaday (d)
 Huntington, D. W. (b)
 *Kingston
 Kinloch
 Loring
 Maugham (c)
 Meakin
 Murphy, J. M. (b)
 Polo, M.
 Roy, L. C. (b)
 *Selous, F. C. (h)
 *Sheldon (b)
 *Wrangell p.116
 Young, E. (e)
 See also Bob cat
- Lynx, Canadian** *Lynx canadensis*
 Anthony
 Audubon (b c)
 Dodge (b)
 Farnham, T. J. (b)
 Shiras (d)
 See also Bob cat
- Lynx, Red** *Lynx rufus*
 Farnham, T. J. (b)
- Maariff antelope**, Abou Maariff
 Baker, S. W. (a)
- Mammoth, Mastodon** *Elephas primigenius*, etc.
 Agassiz
 Digby
- Filson
 Mecking
 Nordenskiöld
 Osborn, H. F. (b)
 Palmer
 Schmidt, F.
 Schwatka (c)
 Wrangell ch.9
 See also Big Bone Lick
- Manatee** *Trichechus*
 Adams, M. P.
 Beebe, M. B.
 Cory (e)
 Henshall
 Kingston
 Lumholtz (a)
 Miller, G. S. (b)
 Moore, W. R. (b)
 Moser, C. K. (b)
 Schurz
 Semon
 See also Sea-cow
- Mandrill**
 Vandercook
 See also Monkey
- Man-eater**
 See
 Bear; Crocodile;
 Hyæna; Leopard;
 Lion; Panther;
 Paranha, Fish;
 Tiger; Wolf
 See also Man-killer
- Man-killer**
 See
 Bear; Buffalo; Dog;
 Elephant;
 Hippopotamus;
 Hyæna; Jaguar;
 Leopard; Lion;
 Panther;
 Rhinoceros; Shark;
 Tiger
 See also Man-eater
- Maral Stag**
 Atkinson (b)
 Brooke
 Slater
 Selous, F. C. (e)
 Kennion (c)
 Lydekker
 See also Persia;
 Red-deer
- Marbled cat**
 See Cat, Marbled
- Markhor, Indian, Sheep**
Capra falconeri
 Afalo (b)
 Arbuthnot
 Burrard (a)
 Darrah
 Durand
 Fenton
 Grew
 Houghton
 *Kaenigsmarck
 Kennion (a)
 *Lydekker (a—i)
 Macintyre
 Ronaldshay

- Markhor, Indian, Sheep— Moose, American**
Continued Alces americana
 Roosevelt, E. Affalo (c)
 ***Stebbing Anthony
 Younghusband, F. (a) Audubon (b)
Marmot Marmota Baden-Powell (b)
 Andrews, R. C. (e) ***Baillie-Gohman (b)
 Dunmore Baird (a)
 Hollister (a) Bales
 Muir Bentley, R. p.7
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 Outram Burnham
 Sheldon (b) Burt
 Shiras (f) Butler, W. F. (a)
See also Woodchuck; Cane
 Groundhog Capps, S. R.
Marsupial tiger Chater, M. (c)
 Lumholtz (a) Donne (a)
Marsupials *Dugmore (f)
See Bandicoot; **Dunraven (a b c)
 Duck bill; Kangaroo; East, B.
 Phalanger; Opossum; Farnham, T. J. (b)
 Wallaby; Wombat Fountain (c)
Marten Martes Gillmore (i)
 Audubon (b) Godman
 Beebe, W. (b) Griggs, R. F. (a)
 Crawford *Grinnell (d)
 Dunraven (a) *Hanbury (b)
 Farnham, T. J. (b) Hardy
 Oxholm **Hornaday (d)
 Roy, L. C. (b) Humphrey
 St John, C. Huntington, D. W. (b)
 Thrasher Jardine
 Wrangler p.62, 78, 116 Kerr
See also Sable Kingsley
Meerkat Suricata, etc. Kingston
 Baldwin, W. C. Kleinschmidt
 Lydekker *Leveson (d)
 Martin, A. Lydekker (a—i)
See also Cape Colony McGuire
Mink Mustela vison Mackenzie, A.
 Bailey, V. (b) Martindale
 Burt Mayer, A. M.
 Butler, W. F. (b) Merrill
 Cory (e) Millais (g)
 Dunraven (a) Murphy, J. M. (b)
 Farnham, T. J. (b) *Pike, W.
 Filson Preble
 Godman Prichard (d)
 Howell, A. B. *Radclyffe
 Huntington, D. W. (c) ***Selous, F. C. (h)
 Kingston Selous, P.
 *Lewis and Clark ***Sheldon (b)
 Nelson, W. A. Shields
 Roy, L. C. (b) *Shiras (b c d f g i j)
 Rutledge Singer
 *Sheldon (b) *Stephansson (a)
 Shiras (g) Stewart, E.
 Thrasher Thomas, W. S. (a)
 Wilkins (c) Tweedsmuir
Mole Vachell
 Nelson, E. W. (e) Vivian
Mongoose *Wallace, D. (c)
See Mongoose Ware
Monkeys Washburn
See subdivision on Primates at end of Mam- Webber (d)
 mal division Whympers, F.
 Wilson, J. A. (a b)
"Monsters" **Moose, Asia Alces alces bed-**
 Lankester (b) *fordiae*
 Andrews, R. C. (d)
- Moose, European Alces**
alces alces
 Chapman, A. (b)
See also Elk
Moose, Giant
 Shiras (f)
See also Moose
Mouflon Ovis musimon
 *Baker, S. W. (e)
 Bewick
 Dugmore (d)
 Jardine
 Lydekker (a—i)
 Mann, W. M. (d)
 Meunier
 Young, E. (b)
See also Sheep
Mouse
 Nelson, E. W. (e)
Mule, Wild
 Carter, W. H.
 Farnham, T. J. (b)
 Kipling
Mongoose Herpestes, etc.
 Brander
 Cooper, M. C. (a)
 Cumming, C. F. G. (c)
 Fairchild, D. (a)
 Gouldsbury (a)
 Heller (b)
 Maugham (c)
 Sutton (b)
Muntjac, Deer Muntiacus
 Andrews, R. C. (c)
 Hornaday (a)
 Jardine
 Kinloch
 Lydekker (a—i)
 Stebbing, E. P.
Musk-ox Oribos moschatus
 Allen
 Armstrong, A.
 Audubon (b)
 Baillie-Grohman
 Baird (a)
 Beard
 Bentlev, R. ch 9
 *Bewick
 Biederbeck
 Birket-Smith
 Borup
 Boyd, L. A.
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 Butler, W. F. (b)
 Dahl (a)
 **Gillmore
 Godman
 **Hanbury (b)
 Hayes, J. G. (a)
 Huntington, D. W. (b)
 Inman
 Jardine
 Jones, C. J.
 Lydekker (a—i)
 MacMillan (a e)
 Markham (d)
 Mayer, A. M.
 Mecking
 Meunier
 Millais (g)
 **Nordenskioeld

- Nordenskiöld
 Peary (c)
 Preble
 Richardson
 Russell
 Rutherford
 Shields
 **Stefansson (b)
 Stewart, E.
 Sverdrup
 **Whitney, C. (b c)
 **Whitney, H.
 **Wrangell
 Wright, J. K.
Musk-rat *Ordatra zibethica*
 Audubon (b)
 Bailey, V. (b)
 Bales
 Burt
 Farnham, T. J. (b)
 Filson
 Gillmore (n)
 Graves, R. A.
 Howell, A. B.
 Kingston
 MacGillivray
 Nelson, E. W. (e)
 Nelson, W. A.
 Riggs, T.
 Roy, L. C. (b)
 Schwatka (c)
 Sharp ch 8
 Shiras (d g)
 Talman (a)
 Thrasher
 Wilkins (c)
Mustang *Equus*
 Black, F.
 Carter, W. H.
 Flack (b)
 See also Wild horse
- Nakong** *Limnotragus spekii*
gratus
 Andersson (a)
 Livingstone
 Lydekker (a—i)
 See also Sitatunga
- Narwal** or **Narwhal** *Monodon monoceros*
 Birket-Smith
 Boyd, L. A.
 Brown, R. N. R.
 Godman
 Koelz
 MacMillan (e)
 Miller, G. S. (b)
 Nordenskiöld
 Peary (c)
 Preble
 Streeter
 Whitney, H.
 Wright, J. K.
- Nellut**
 Baker, S. W. (a)
 See also Koodoo
- Nilgai** *Boselaphus tragocamelus*
 **Baker, S. W.
 Bewick
 Brander
- *Eardley-Wilmot
 *Hornaday (a)
 Jardine
 *Kinloch
 Lydekker (a—i)
 Macintyre
 Mann, W. M. (d)
 Newall, J. T. (a)
 *Rice, W.
 Sterndale
 Stewart, A. E.
 See also Blue-bull
- Nilgherries**
 Pollock (b)
- Nyala** *Tragelaphus angasii*
 Baum
 Brooke
 Drummond
 Lydekker (a—i)
 *Lyell (a g)
 *Millais (h)
 Sanford and Legendre
 Vasse
 Wood, R. C.
 See also Inyala; Queen of Sheba antelope
- Nyala**, **Mountain**, **Inyala**
Tragelaphus buxtoni
 Gloucester
 Lydekker (a—i)
 Osgood, W. H. (f)
- Nyan**
 Kinloch
 See also Argali; Sheep
- Nyika**
 Gouldsbury (a)
 Schillings
- Ocelot** *Felis pardalis*
 Anthony (a b c)
 Audubon (b)
 Baldwin, W. C.
 Beebe, M. B.
 Bull
 Chapman, F. M. (j)
 Dyott (c)
 Elliot, D. G. (g)
 Fountain (b)
 Gadaw
 Russell, P.
 Shiras (h)
 Singer
 Smith, H. H. p.196-7
- Okapi** or **Okwapi** *Okapia johnstoni*
 Alexander, B.
 Barnes
 Barnes (a)
 Bradley, M. H. (b)
 Bryden (b)
 Campbell, W. D. (a)
 Christy
 Colbert (b)
 Gatti, A. (a b)
 Johnson, Martin (d)
 Johnston, H. H. (b i)
 Lankester (a)
 McBride, R. Q.
 MacQueen
 Powell-Cotton (e)
- Onager** *Equus onager*
 See Kiang-Kyang
- Opossum** *Didelphis virginianus*
 Atkinson, A. A.
 Audubon (b)
 Baynes (e)
 Beard
 Beebe, W. (c)
 Bicknell
 Cory (e)
 Cott
 Gadaw (a)
 Godman
 Graves, R. A.
 Gregory
 Harper
 Heilprin
 Kingston
 Mann, W. M. (d)
 Miller, G. S. (b)
 Murphy, J. M. (b)
 Schlaikjer
 Semon
 Sharp
 Shiras (b)
 Wilkins, G. H.
 See also Marsupials
- Orang-utang** *Pongo*
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 Fyelman
 Gomes
 Gregory, W. K.
 Hornaday (a)
 Johnson, Martin (g)
 Keith
 Kellog
 Mann, W. M. (d)
 Mjoberg ch.3
 Shelford
 Smith, H. W. (b)
 Wallace, A. R. (a)
 Yerkes
- Oribi** *Ourebia ourebi*
 Baum
 Brocklehurst
 Chapman, A. (e)
 Cron
 Faulkner
 Glossop
 Gouldsbury (a)
 Hall, M. A.
 Harrison, G. L. (a)
 Hoeffler
 Lydekker (a—i)
 Madeira
 Maugham (c)
 Sanford and Legendre
 Savile
 Schillings
 Selous, F. C. (b)
 Stanley, W. B.
- Oryx**, **Gemsbok**, **Gemsbuck**
Oryx gazella
 Barnes
 Baum
 Blaine
 Brocklehurst
 Bronson
 **Bryden (e)
 Campbell, W. D. (b)

Oryx, Gemsbok, Gemabuck—*Continued*

- Chanler
 Chapman, A. (c)
 Cron
 Dickinson
 **Dugmore (a)
 Faulkner
 Glossop
 **Gordon-Cumming (b)
 **Gouldsbury (d)
 Jardine
 **Johnson, Martin (d)
 *Leveson (d)
 Lydekker (a—i)
 Madeira
 Mallet-Veale
 Maugham (c)
 Meikle
 Methuen
 Mosse
 Neumann
 Pearce
 Percival
 **Roosevelt, T. (g)
 Roosevelt & Heller
 *Schillings
 Scully
 ***Selous, F. C. (b g)
 **Sutton (a)
 Swayne (b)
Oterop antelope
 Baker, S. W. (a)
Otter *Lutra canadensis*
 Adams, H. C. (c)
 Allan, S.
 Anthony
 Ariza
 Atkinson (b)
 *Audubon (b c)
 Bailey, V. (b)
 **Baker, S. W. (b)
 *Baldwin, W. C.
 Bewick
 Boone
 Brander
 Bull
 Butler, W. F. (b)
 Cameron, L. C. R.
 Chapman, A. (b)
 Cheesman (b)
 Crawford
 Cumming, C. F. G. (c)
 Darwin
 *Dunraven (a)
 Elliott, H. W.
 Farnham, T. J. (b)
 *Filson
 Fleming
 Fountain (b c)
 Fraser, J. B. (d)
 Godman
 *Gouldsbury (a)
 Graves, R. A.
 Guillemard
 Hanna, G. D.
 Harper
 Hingston (b)
 Holt, E. G. (b)
 *Hornaday (a)
 Jardine

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- *Lewis and Clark
 Mann, W. M. (d)
 *Maugham (c)
 Nelson, W. A.
 Pike, Z.
 *Radcliffe
 Rutledge
 *Sheldon (b)
 Shiras (f)
 Thrasher
 *Wrangell p.116
Otter, Sea *Enhydra lutris*
 Allan, A.
 Farnham, T. J. (b)
 Fountain (c)
 *Guillemard
 Lewis and Clark
 Martin, G. C.
 Mecking
 Nelson, E. W. (c)
 *Nordenskiöld
 Schwatka (c)
 Simpich (c)
 Snow
 Thompson
Ounce *Uncia uncia*
 Macintyre
 Stebbing
 Tschudi
See also Snow leopard
Ox, Wild *Bos*
 Bible
 Cheesman (b)
 Harting
 Kipling
 *Lydekker (d)
 Shelford
See also
 Anoa; Aurochs;
 Banting; Bison;
 Buffalo; Gaur; Gayal;
 Musk-Ox; Yak
Panda, Great *Ailuropoda*
 Andrews, R. C. (d)
 Colbert (a)
 Hodgson
 Jardine
 Pereira
 Roosevelt, K.
 Roosevelt, T. & K.
See also Beishung
Panda, Little *Ailuropoda*
See Panda, Great
Pangolin or Pander cat
Manis javanica
 Mann, W. M. (b)
 Miller, G. S. (b)
 Mjoberg ch.7
 Pereira
See also Scaly anteater
Panther *Felis concolor*
 Affalo (b)
 Atkinson (b)
 Baden-Powell (b)
 Bailey, F. (b)
 Baillie
 Baker, E. B.
 Brander
 Brown, J. M. (b)
 Burton, R. G. (a b)

Christopher

- Cumming, C. F. G. (c)
 Cumming, W. G.
 ***Eardley-Wilmot
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 ***Forsyth, J. p.331-4
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 Gillmore (i)
 Glasfurd (b)
 Gordon, T. E. (b)
 Gouldsbury (d)
 Handley
 Hicks
 *Kinloch
 *Leveson (b d)
 *Lydekker (a—i)
 Mainwaring
 Mitchell, W.
 **Newall, J. T. (a)
 Oswald
 **Pocock (c)
 **Pollock (a b e)
 Porter, J. H.
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 **Rice, W.
 *Sanderson
 ***Shakespeare
 Skertchly
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 Tyacke
See also American lion;
 Asia; Cougar; India
Panther, African
 Andersson (a)
 Audubon (b)
 Bewick
 DeLesdain
 Foa
 Gerard (a)
 Huc
 Lloyd, A. B. (a)
 Meakin (b)
 Schweinfurth
See also Puma
**Panther, Cattle-lifter *Felis*,
 etc.**
 Lydekker (b)
**Panther, Man-eater or
 Man-killer *Felis*, etc.**
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 Forsyth, J.
 Glasfurd (b)
 Leveson (d)
 Lydekker (b)
 Whitney, C.
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 Smith, H. H. p.196-7
Peccary
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 Adams, H. C. (c)
 Anthony
 Baird (a)
 Beebe, M. B.
 Bewick
 Bull
 Chapman, F. M. (j)
 Ewbank
 Fleming
 Fountain (b)

- Gadow
****Hingston** (b)
***Hornaday** (a)
 Kingston
 Lange (a)
 Lindbergh
 Mann, W. M. (d)
 Miller, G. S. (b)
 Morley, S. G.
 Ober
*****Rice**, A. H.
****Roosevelt**, T. (i)
 Sands, W. F.
 Shantz
***Shields**
 Shiras (h)
 Singer
 Webber (c d)
 Wells, J. W.
 Woodroffe
Phalanger, Dusky *Trichosurus fuliginosus*
 Mann, W. M. (d)
Phalanger, Flying *Acrobates*
 Miller, G. S. (b)
Pig
See
 Babirusa; Boar;
 Bush-pig; Hog;
 Peccary; Swine;
 Wart-hog
Pig, Bush *Sus*
 Brandes
 Dugmore
 Hudson (a)
 Kirby (a)
See also Hog
Pig, Wild *Sus*
****Andrews**, R. C. (d)
***Baden-Powell** (c)
 Bagot
 Baker, E. B.
 Baker, E. C. S.
*****Baker**, S. W. (a b g)
 Barnes
 Beebe, W. (c)
****Bradley**, M. H. (b c)
 Brander (India)
 Cardinall
 Church
 Churchill
 Cumming, W. G.
 Denton
***Eardley-Wilmoit**
 Ellis, W.
***Gillmore** (l)
 Glasfurd (c)
***Gouldsbury** (a b)
***Guillemard**
 Haslund-Christensen
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***Kittenberger**
***Lloyd**, A. B. (a)
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 Moore, W. R. (d)
***Morden** (e)
***Newall**, J. T. (a)
 Pellow
 Powell-Cotton (e)
 Rankin
***Roosevelt**, T. & K.
***Roosevelt & Heller**
 Savory
See also Boar
Platypus, Duck-bill *Ornithorhynchus anatinus*
 Denton
 Gregory, H. E. (e)
 Hcilprin
 Holmes, C. H.
 Miller, G. S. (b)
Polecat, Skunk *Spilogale putorius*
 Atkinson, A. A.
 Audubon (b)
 Bailey, V. (b)
 Baldwin, W. C.
 Baynes (b)
 Boone
 Bourne
 Crawford
 Farnham, T. J. (b)
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***Gillmore**, P. (n)
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 Mills (d)
 Roy, L. C. (b)
 Sharp ch.14
 Shiras (g)
Ponies, Shetland, Mongolian
 Olcott, C. S.
 Warwick (a)
Porcupine *Erethizon dorsatum*, etc.
 Baldwin, W. C.
 Burt
 Carvalho
 DuChaillu (f) ch.4
 Dugmore (f)
 Fountain (e)
 Hingston (c)
 Kingston (a)
 Miller, G. S. (b)
 Muir
 Radclyffe
 Schwatka (c)
 Shiras (g j)
 Wood (Bible)
Porpoise *Delphinus delphis*
 Clark, H. B.
 DuChaillu (f)
 Grey
 Hingston (a)
 Hornaday (c)
 Howell, A. B.
 Lydekker (a—i)
 Mayer, A. M.
 Miller, G. S. (b)
 Muir
 Roule (b)
 Treat, I.
 Villiers (b)
See also Dolphin
Prairie dog
See Dog, Prairie
Prong-horn antelope *Antilocapra americana*
*****Adams**, J. C.
 Anthony
***Audubon** (b)
*****Baillie-Grohman** (b e)
 Baird (a)
 Carvalho
****Dodge**
****Dunraven** (a b)
 Farnham, T. J. (b)
***Gillmore** (b j)
 Godman
*****Holder** (a)
***Hornaday** (e)
 Huntington, D. W. (b)
 Inman (b)
 Irving (b)
 Jardine
 Jones, C. J.
 Kingston
***Leveson** (d)
***Lewis and Clark**
***Lydekker** (a—i)
****Marcy** (c)
 Murphy, J. M. (b)
 Nelson, E. W. (c)
 Oswald
 Pickett
 Pike, Z.
 Ruxton (b)
***Shields** (a c d)
 Vachell
 Vivian
 Wallace, D. (c)
 Wallihan (a b)
Przewalski gazelle
***Andrews**, R. C. (d)
 Crown Prince of Germany
 Durand
***Dutton**
Puku *Adenota vardonii*
 Chadwick (a)
***Gouldsbury** (a)
 Harrison, G. L. (a)
 Lethbridge
 Lydekker (a—i)
***Lyell** (c)
***Selous**, F. C. (b)
Puma *Felis concolor*
 Adams, H. C. (c)
 Andre
***Audubon**
 Byam ch.7
 Chapman, F. M. (j)
 Church
 Cornish ch.28
 Crampton, H. E.
 Darwin
 Fitzroy
***Fountain** (a b)
***Gadow**
***Galton**
 Grubb
 Hingston (b)
***Holder** (a)
***Hornaday** (a)

- Puma**—*Continued*
Hudson (a b)
Jardine
McDermott
Macnie ch.6
Oswald
Paes
Porter, J. H.
Prichard (b d)
Progers
**Roosevelt, T. (i)
Spears
Thomson, William
Vivian
Whympier, E. (b)
See also American lion
- Puma, Red** *Felis concolor*
Wells, J. W.
- Pygmy antelope** *Cephalo-*
phus caerulus
Heller (b)
Lydekker (a—i)
- Quagga** *Equus quagga quagga*
**Andersson (a)
Baldwin, W. C.
Bryden (e)
Churchill
Heilprin (b)
*Leveson (d)
*Maugham (c)
*Methuen
Percival
*Selous, F. C. (g)
- Queen of Sheba antelope**
See Nyala
- Rabbit** *Lepus*
Burt
Carvalho
Chapman, A. (b)
Filson
Hanna, G. D.
Marten, G. C.
Moore
Nelson, E. W. (e)
Radcliffe
Sharp ch.9
See also Hare
- Rabbit, Jack**
Dodge (c)
Shantz
- Rabbit, Rock** *Hyrax*
Baldwin, W. C.
Dodge (c)
Limbert, R. W.
- Raccoon** *Procyon lotor*
Atkinson, A. A.
Audubon (b)
Colbert (a)
Cory (e)
Dodge (c)
Filson
Gillmore, P. (n)
Graves, R. A.
Harper
Howell, A. B.
Kingston
Lewis and Clark
- Murphy, J. M. (b)
Ober
Shiras (d g)
- Rat**
Bailey, V. (b)
Nelson, E. W. (e)
- Rat, Bamboo**
Mann, W. M. (b)
- Rat, Brown**
Nelson, E. W. (e)
- Rat, Kangaroo**
Limbert, R. W.
Mann, W. M. (d)
Nelson, E. W. (e)
- Rat, Pack**
Shantz
- Rat, Spiny**
Chapman, F. M. (j)
- Ratel** *Mellivora ratel*
Blanford
Chapman, A. (c)
Lydekker
Powell-Cotton (e)
See also Honey-badger
- Rat-shrew** *Gymnura rafflesi*
Mjoberg p.28
- Red-deer** *Cervus elaphus*
Baillie-Grohman (b)
Chapman, A. (b)
Fraser, J. B. (d)
See also Deer
- Red-front**
Brocklehurst
Lydekker (a—i)
See also Gazelle
- Reed-buck** *Redunca (Eleotragus) arundinum*
Baum
**Bradley, M. H. (a)
Brocklehurst
Bronson
Brown, W. H.
Chapman, A. (e)
Domville-Fife
*Gouldsbury (a)
Heller (b)
Kerr
*Lydekker (a—i)
*Madeira
*Maugham (c)
**Millais (a)
**Roosevelt, T.
Roosevelt and Heller
Sanford and Legendre
Savile
*Schillings
**Selous, F. C. (b g)
Simmons, G. F.
*White (a b)
- Reindeer** *Rangifer*
Anthony
Armstrong, A.
Atkinson (b)
Audubon (b)
Bales
Barnard
Bentley, R. ch.6
Bewick
Brown, R. N. R.
Burnham
- Bush**
Carruthers (a)
Carstensen
Chapman, A. (b)
Chapman, O. M.
DeVeer
DeWindt (b)
Egan, M. F. (b)
Godman
Grenfell (d)
***Guillemard
Hall, C. F. ch 12, 13, 16
Harshberger
Harting
**Jackson, F. G.
Jardine
Jones, C. J.
Keith
Kennedy
Lamont (a)
Lomen
Lowie
*Mackenzie, A.
Markham (d)
Martin, G. C.
Mecking
*Nansen (c)
Nilsson
***Nordenskiöld
Olson (a b)
Peary (c)
Peel
Rutherford
***Stefansson (b—e)
Stewart, E.
*Stuck
*Sverdrup
*Turi
*Whympier, F.
**Wrangell p.53, 62 ch.3
and 8
Wyndham
Zenzinov
See also Caribou
- Reitbok or Reitbuck** *Redunca arundinum*
Drummond
Gordon-Cumming (b)
Lydekker
See also South Africa;
Zambesi
- Rhebok** *Redunca fulvorufa*
Bryden, E.
Drummond
Leveson (d)
Lydekker
Mallet-Veale
See also Reebok
- Rhinoceros, African** *Diceros bicornis*
Affalo (c)
Akeley (c) ch.10
***Andersson (a)
Ansorge ch.16
Arkell-Hardwick
***Baker, S. W. (a g)
Barnes
Bennett
Bewick
Brocklehurst
Brown, W. H.

- **Bryden (d)**
Burbridge (b)
Burrows, G.
Cardinall
Chanler
Chapman, A. (b)
Churchill
***Cron**
Curle, A. T.
Curtis
Dickinson
Dowsett
Drake-Brockman
***Dugmore (a)**
Dunbar-Brunton
Faulkner
Findlay
Flaccus
Foa
****Galton**
***Gillmore (i)**
*****Gordon-Cumming (a b)**
***Gouldsbury (a)**
Hamilton, C.
Hamilton, J. S. (c)
Harris (a)
Hoefler
****Jackson, F. J. (b c)**
*****Johnson, Martin (a b c f)**
Kellog
Kerr
Kirby (a b)
****Kittenberger**
Lethbridge
***Leveson (d)**
***Lydekker (a—i)**
*****Lyll (c d g)**
McCreagh
***Madeira**
***Maugham (c)**
***Methuen**
Meunier
Neumann
Osborn, H. F.
***Patterson (a)**
Pearce
Percival
***Pollock (a)**
***Powell-Cotton (d)**
****Roosevelt, T.**
Roosevelt and Heller
Savile
Schillings
Rhino, Indian, Asian *Rhinoceros unicornis*
Aflalo (b)
Baker, E. C. S.
*****Baker, S. W. (g)**
***Baldwin, J. H.**
Beebe, W. (b)
Bible
Bickmore
****Bock (a b)**
****Bradley, M. H. (c)**
Christopher
Clarke (a)
***Cooch Bahar**
***Eardley-Wilmot**
Evans
Forbes, H. O.
***Forsyth, J.**
Glossop
***Hornaday (a)**
Inglis
***Kinloch**
***Leveson (d)**
***Lydekker (a—i)**
Maxwell, G.
***Mjoberg**
***Pollock (c)**
*****Shakespear**
Rhino, Long-horn
Gordon-Cumming
Lydekker (a—i)
Rhino, Man-killer
Andersson (b) p.104
Latham
Percival
Rhino, White *Ceratotherium simum*
Baines
Baldwin, W. C.
Bell, W. D. M.
Brocklehurst
Chapman, A. (e)
Chater, M. (f)
Christy
Clarke (b)
Digby
Galton
***Gordon-Cumming (a b)**
Heller (a b)
***Lydekker (a—i)**
***Maugham (c)**
***Methuen**
***Millais (h)**
Powell-Cotton (e)
***Roosevelt, T. (g k)**
****Selous, F. C. (b)**
Roan antelope *Egocerus*
Baum
Brocklehurst
Bronson
*****Bryden (e)**
Chapman, A. (e)
Dickinson (a)
Fraser, D. C. (a b)
Glossop
****Gordon-Cumming (b)**
***Gouldsbury (a b)**
Harrison, G. L. (a)
Hoefler
Kerr
Kirby (b)
Letcher
****Leveson (d)**
***Lydekker (a—i)**
****Lyll (c g)**
***Madeira**
Mallet-Veale
***Millais**
Roosevelt & Heller
Savile
Tangye
***Tjader**
Treatt (b)
Roebuck *Capreolus capreolus*
***Andrews, R. C. (d)**
Bewick
Caldwell
Fraser, J. B. (d)
Harrison, G. L. (a)
Haslund-Christensen
Jardine
Lydekker (a—i)
Morden
***Sowerby (b c)**
Wallace, H. F. (b)
Wood (Bible)
See also Deer
Royal antelope *Neotragus pygmaeus*
Brooke
Lydekker (a—i)
See also Guinea
Sable
Anthony
Atkinson (b)
Audubon (c)
Butler, W. F. (b)
Henshaw (c)
Nuttall (a)
Riggs, T.
See also Marten
Sable antelope *Egocerus niger*
Bronson
Brown, W. H.
***Bryden (e)**
Chadwick (a)
Chapman, J.
Curtis
Dunbar-Brunton
Faulkner
Fraser, J. B. (d)
****Gordon-Cumming (b)**
***Gouldsbury (a b)**
Harrison, G. L. (a)
Kennan
Kerr
Kirby (a)
***Leveson (d)**
***Lydekker (a—i)**
*****Lyll (c g)**
Mallet-Veale
***Maugham (c)**
***Methuen**
****Millais (h)**
Prezevalsky
****Roosevelt, T. (h)**
Roosevelt & Heller
Savile
****Selous, F. C. (b)**
Studley
Tjader
Willoughby
***Wrangell p.62**
Saiga antelope *Saiga tatarica*
Carruthers (a)
Church
Lydekker (a—i)
Morden (e f)
Saisan antelope
***Baker, S. W.**
Blanford
Hornaday (a)
See also Black-buck
Saki, Hairy
Dyott (c)
Sambur *Rusa*
Andrews, R. C. (c)
*****Baker, S. W. (b g)**

Sambur—Continued

- *Baldwin, J. H.
- Beebe, W. (b)
- Brander
- Bulger (b)
- *Cooch Bahar
- Cumming, C. F. G. (c)
- Cumming, W. G.
- Donne (a)
- **Eardley-Wilmot
- Evans
- "Felix"
- Fletcher
- *Glasfurd (b)
- *Gouldsbury (d)
- Hamilton, D.
- *Hornaday (a)
- Inglis
- *Kinloch
- *Leveson (d)
- *Lydekker (a—i)
- Mainwaring
- Mann, W. M. (d)
- **Newall, J. T. (a)
- **Pollock (a c e)
- **Rice, W.
- Roosevelt, K.
- *Roosevelt, T. & K.
- ***Shakespear
- *Stebbing, E. P.
- Stewart, A. E.
- Wardrop (b)
- Whitehead
- *Whitney
- Sassaby** *Damaliscus lunatus*
- Brown, W. H.
- Chadwick (a)
- Faulkner
- *Gordon-Cumming (b)
- *Gouldsbury (a)
- Hamilton, J. S. (b)
- Kerr
- Lyell (c)
- Maugham (c)
- Methuen
- *Selous, F. C. (b g)
- Sea animals**
- Daglish (a)
- Lull (a)
- Sea-bear**
- Elliot, D. G. (f)
- Lydekker (a—i)
- Murphy, R. C. (e)
- Nordenskiöld
- Smith, H. M. (g)
- See also Seal
- Sea-cow** *Trichechus latirostris*, etc.
- Bering
- Hanna, G. D.
- Henshall
- Lull (a)
- Lydekker
- Markham (d)
- Mecking
- Nordenskiöld
- Thompson
- Tisdell
- See also Manatee
- Sea-elephant** *Mirounga leonina*
- Ault
- Hanna, G. D.

- Markham (d)
- Murphy, R. C. (e h)
- Nelson, E. W. C.
- See also Elephant seal
- Sea-leopard** *Hydrurga leptonyx*
- Markham (d)
- Mecking
- Murphy, R. C. (h)
- See also Leopard
- Sea lion** Southern *Zalophus californianus*
- Northern *Eumetopias jubata*
- Beebe, W. C.
- Bishop, C. W.
- Bourne
- Coker, R. E.
- Elliott, H. W.
- Holder
- Howell, A. B.
- Lull (a)
- Lydekker (a—i)
- Murphy, R. C. (f h)
- Nordenskiöld
- Osgood, W. E. (e)
- Schmitt
- Squier (c)
- Thomas, W. S.
- Thompson
- Sea-otter**
- Lull (a)
- Markham (d)
- See also Otter
- Sea swine**
- See Dolphin
- Seal** *Phoca*, etc.
- Ault
- *Baillie-Grohman (b)
- Bartlett, R. A.
- Beebe, W. (c)
- Bishop, C. W.
- Brown, R. N. R.
- Byrd, R. E. (c d f)
- Carstensen
- Chapman, A. (b)
- Crawford
- *Dunraven (a)
- Farnham, T. J. (b)
- Forbes
- Gathorne-Hardy (b)
- Godman
- ***Guillemand
- Hall, C. F. ch 12, 15, 18
- Hanbury (b)
- Hanna, G. D.
- Holder
- Howell, A. B.
- **Jackson, F. G.
- Jardine
- Koelz
- **Lamont (a)
- *Lewis and Clark
- Lydekker (a—i)
- MacMillan (a c d)
- Markham (d)
- Mecking
- Melville
- Muir
- Murdoch
- Murphy, R. C. (e f h)
- ***Nansen (d)

- Nelson, E. W. (c)
- ***Nordenskiöld
- Nordenskiöld
- Pitt
- *Radclyffe
- Ronaldshay
- St. Cricq
- St. John
- Simpich (c)
- Smith, H. M. (g)
- **Stefansson (a b)
- Sutton, G. M.
- Sutton, R. L.
- Sverdrup
- Thomas, W. S.
- **Townsend, C. W. (b c e)
- Whitney, H.
- Seal, Elephant**
- Hanna, G. D.
- Seal, Fur** *Callorhinus*
- Howell, A. B.
- Murphy, R. C. (h)
- See also Seal
- Seal, Gray or Atlantic** *Halchoerus grypus*
- Lockley
- Seal, Hair** *Phoca*
- Bartlett, R. A.
- DeWindt (b)
- Farnham, T. J. (b)
- Guillemand
- Howell, A. B.
- Lydekker
- Smith, H. M. (g)
- Seal, Harp** *Phoca graenlandica*
- Bartlett, R. A.
- Grenfell (d)
- Seal, Hooded** *Cystophora cristata*
- Bartlett, R. A.
- Fleischmann (b)
- Seladang, Sladang** *Bos gaurus*
- Beebe, W. (b)
- Hubback (a)
- Knox
- Lydekker (a—i)
- Maxwell, G.
- Reed
- *Sutton (b)
- Wells, C. (a)
- Whitney, C.
- See also Gaur
- Serow** *Capricornis sumatraensis*
- Andrews, R. C. (c)
- Caldwell
- Coolidge
- Huc
- *Kinloch
- Lydekker (a—i)
- Macintyre
- Mann, W. M. (b)
- *Markham
- ***Mjoberg ch. 6
- Pereira
- Pollock (e)
- Ronaldshay
- Roosevelt, K.
- *Roosevelt, T. & K.
- *Stebbing, E. P.

- Stuart-Baker
Swettenham
Wells, C. (a)
See also Goat-antelope;
Kashmir
- Serow, White-maned** *Nemorhaedus argyrochaetes*
Wallace, H. F.
- Serval-cat** *Felis serval*
Elliot, D. G. (g)
Gouldsbury (a)
- *Kittenberger**
Madeira
Maugham (c)
Percival
Torday
See also Cat
- Sha**
See Urial
- Shaping**
Rundall
- Shapu**
See Urial
- Sheep**
See
Aoudad; Argali;
Barbary; Bharal;
Big Horn; Gmelin;
Ibex; Mouflon;
Nyan; Sha; Shapoo;
Urial
- Sheep, Asia** *Ovis*, etc. *
*Andrews, R. C. (d)
Burnham
Caldwell
Demidoff (b c)
*Guillemard
Kennan
Kennion (a)
*Leveson (d)
Lydekker (a—i)
Macintyre
*Stebbing, E. P.
Wrangell
Yule
- Sheep, Barbary** *Ammotragus lervia*
Adams, H. C. (f)
Campbell, W. D. (b)
Pease (a)
Selous, F. C. (g)
See also Aoudad
- Sheep, Big horn** *Ovis canadensis*
Anthony
Audubon (b) p.130 v.3
***Baillie-Grohman (b e)
Baird (a)
Biddulph
Burg, A. (a)
Cane
Capps, S. R.
***Dugmore (f)
***Dunraven (a b c)
*Fannin
Farnham, T. J. (b)
*Gillmore (j)
- Grinnell (d)
Hale
Holder (a)
*Hornaday (a)
Huntington, D. W. (b)
Irving (b)
Kingston
Kolb, E.
**Lewis and Clark
Lydekker (a—i)
**McGuire
Marcy (c)
**Millais (g)
Mills (c d)
Murphy, J. M. (b)
Nuttall (a)
Oberlander
Pike, W.
Preble
*Radclyffe
Rainsford
Richardson
Rogers, A.
Ruxton (b)
***Selous, F. C. (h)
***Sheldon (b d)
Shenon
Singer
*Stuck
Thomas, W S (b)
Victor p 232
Vivian
Wallihan (a b)
Washburn
Wilcox (b)
- Sheep, Blue** *Ovis (Pseudois) nayaur*
Pereira
Stebbing, E. P.
See also Bharal; Burhel
- Sheep, Dall** *Ovis dalli*
Kidder
Osgood, W. H. (e)
Preble
Selous, F. C. (h)
Sheldon (b)
Thomas, W. S. (b)
- Sheep, Europe** *Ovis europaea*
Baker, S. W. (e)
Lydekker (a—i)
Nelson
Phillipps-Woolley
- Sheep, Fannin**
Hornaday (d)
Selous, F. C. (h)
Sheldon (b)
- Sheep, Fat-tail** *Ovis aries*, etc.
Arkell-Hardwick
Franck (g)
Lydekker (a—i)
- Sheep, Gharral** *Ovis (Pseudois) nayaur*
Donne (a)
See also New Zealand
- Sheep, Karakul**
Nabours
- Sheep, Karelin**
Forsyth, T. D.
Lydekker (a—i)
Roosevelt, T. & K. (b)
Svertzow
- Sheep, Littledale** *Ovis littledalei*
Morden (f)
- Sheep, Maned** *Ammotragus lervia*
Lydekker (a—i)
See also Barbary sheep
- Sheep, Marco Polo** *Ovis poli*
Blyth
Clarke (b)
Cobbold
Cumberland (a)
Dunmore
Etherton (b)
Gordon, T. E. (a b)
Littledale (a)
Lydekker (a—i)
*Markham
***Morden (a c f)
Polo, M.
Rockhill
*Roosevelt, T. & K. (a b)
***Stebbing
Svertzow
Sykes, Ella and Percy
Wood, J. N. P.
Younghusband, F. (a)
Yule
- Sheep, Mexican** *Ovis canadensis*, etc.
Anthony
Hornaday (e)
Selous, F. C. (h)
- Sheep, Nahura** *Ovis (Pseudois) nayaur*
Dunmore
Lydekker (a—i)
Stebbing
See also Bharal
- Sheep, Nivicola** *Ovis nivicola*
Lydekker (a—i)
Selous, F. C. (h)
Sheldon (b)
See also Kamtchatka
- Sheep, Pamir** *Ovis poli*
Cobbold
Lydekker (a—i)
- Sheep, Patagonia**
Prichard (b)
- Sheep, Red**
Cheesman (b)
Kaenigsmarck
See also Laristan
- Sheep, Stone** *Ovis stonei*
Selous, F. C. (h)
Sheldon (b)
- Sheep, White**
Campbell, W. D. (b)
Shiras (f)
- Sheep, Yellow**
Church

- Sing-Sing** *Kobus defassa*
 Madeira
 Roosevelt, T.
- Situtunga** *Limnotragus spekii*
 Blaine
 Brocklehurst
 Chadwick (a)
 Lydekker (a—i)
 Mallet-Veale
 Roosevelt, T. (g)
 *Selous, F. C. (b g)
See also Nakong
- Skunk**
See Polecat
- Sloth** 3-toed *Bradypus*
 2-toed *Choloepus*
 Dickey
 Fountain (b)
 Godman
 Howell, A. B.
 Kingston
 McDermott
 Prichard (b)
 Wallace, A. R. (d)
- Sommering**
See Gazelle, Sommering
- Spermophile**
 Shantz
See also Ground squirrel
- Springbok** *Antidorcas marsupialis*
 *Andersson (a)
 Brown, W. H.
 Bryden (e)
 Churchill
 Ellis, W.
 Gordon-Cumming (b)
 Leveson (d)
 Lydekker (a—i)
 Methuen
 Scully
 *Selous, F. C. (b)
- Squirrel** *Sciurus*
 Andrews, R. C. (c d)
 Audubon (b)
 Bicknell
 Bock (a)
 Brander
 Burton, R. G. (b)
 Filson
 Gadow
 McCartney
 Roy, L. C. (b)
 Sandys ch.23
 Shiras (b)
 Torrey (f)
 Wrangell p.62
- Squirrel, Flying**
 Clark, L.
 Nelson, E. W. (e)
 Nelson, W. A.
- Squirrel, Fox**
 Bailey, V. (b)
 Nelson, E. W. (e)
- Squirrel, Gray**
 Bailey, V. (b)
 Nelson, E. W. (e)
 Nelson, W. A.
- Squirrel, Ground**
 Bailey, V. (a)
- Stag, Asia** *Cervus*, etc.
 Atkinson (b)
 Church
 Cobbold
 Demidoff (a)
 Huc
 *Lydekker (a—i)
 *Stebbing, E. P.
 Ward, A. E.
 Whitehead
 Wilson, J. A.
See also Deer
- Stag, Sussuapara**
 Wells, J. W.
See also Deer
- Steinbok** *Raphicerus campestris*
 *Andersson (a)
 Brown, W. H.
 Gordon-Cumming (b)
 Gouldsbury (a)
 Hoefer
 Leveson (d)
 Lydekker (a—i)
 Percival
 Schillings
 *Selous, F. C. (b g)
 Sykes, C. A.
- Stoat**
 Nelson, E. W. (e)
- Subgutturosa**
See Gazelle, Goitre
- Sunu antelope** *Adenota kob leucotis*
 Lydekker
 Percival
- Tahr** *Hemitragus jemlahica*
 Donne (a)
 Leveson (b)
 Lydekker (a—i)
 Macintyre
 Markham
 Stebbing
- Takin** *Budorcas*
 Andrews, R. C. (d f)
 Lydekker
 Macintyre
 Pereira
 Roosevelt, T. & K.
 Sowerby (b)
 Wallace, H. F. (b)
See also Antelope
- Tapir** *Tapirus*, etc.
 Adams, H. C. (c)
 Andre
 Anthony (c)
 Bock (a)
 Bull
 Chapman, F. M. (j)
 Crampton, H. E.
 Dickey
 Dyott
 Fleming
 Flower
 Fountain
 Gill, Mrs. R. C.
 *Hingston (b)
 *Hornaday (a)
 Kingston
 Lange (a)
- Lydekker (a—i)
 Mann, W. M. (b d)
 Meunier
 Mjoberg p.22
 Perez
 *Rice, A. H.
 Sands, W. F.
 Schurz
 Shiras (h)
 Singer
 Smith, H. H.
 Stevens, A. W. (d)
 Woodroffe
- Tarsier** *Tarsius spectrum*
 Mjoberg ch.5
 Romer
- Tasmanian devil**
 Miller, G. S. (b)
- Tenrec, Spring** *Centetes ecaudatus*
 Ellis, W.
See also Madagascar
- Tesseby**
See Sassaby
- Thamin** *Cervus (Rucervus) eldi*
 Christopher
 Lydekker (g)
 Pollock (e)
- Thomas Cob** *Adenota kob thomasi*
 Bradley, M. H. (a)
- Tiang** *Damaliscus korrigum*
 Brocklehurst
 Domville-Fife
 Savile
 Schillings
- Tibetana takin** *Budorcas tibetana*
 Aflalo (b)
 Burrard
See also Antelope, Tibet
- Tiger** *Felis tigris*
 Adam, A. p.165
 Aflalo (b)
 *Andersson (a)
 Andrews, R. C. (h)
 Atkinson (b)
 Bagot
 Bailey, H.
 Baillie
 Baker, E. B.
 *Baker, S. W. (g)
 Beebe, W. (b)
 Bewick
 Bickmore
 **Blanford (b)
 ***Bock (a b c)
 Braddon
 Bradley, M. H. (c)
 Brown, J. M. (a b d)
 Burton, R. G. (a b)
 Campbell, J.
 Campbell, W.
 Champion
 Christopher
 Church
 **Cooch Bahar
 Cooper, M. C. (a)
 Cox
 Crown Prince of Germany

- Cumming, G
Curzon, G. N. (b)
Curzon of K. p.363
Dekobra
Dunlop
Durand
Dyott (c)
***Eardley-Wilmot (a b)
Egerton
Evans
Elliot, D. G. (g)
Eversmann
Fayrer
"Felix"
Fenton
Fife-Cookson
Fletcher
Forbes, H. O.
***Forsyth, J.
Fraser, J. B.
Fraser, T. G.
Gill, W.
*Gillmore (i)
Glasfurd (b c)
Glossop
Goodwin-Austen
Gordon, T. E. (b)
***Gouldsbury (c d)
Grew
Hall, M. A.
Hallett
Harrison, G. L. (a)
*Hedin (b)
Heilprin
Heller, E. (e)
Hicks
*Hornaday (a)
Inglis
Jernigan
Kellog
*Kinloch
Latham
Lawson ch 7
***Leveson (b d)
*Lydekker (g)
*Macintyre
Mainwaring
*Markham
Mcunier
Mitchell, W.
**Mjoberg
Mundy
***Newall, J. T. (a d)
Newbolt
Pocock (c)
**Pollock (a e)
Porter, J. H.
Ready
Reed
Reid
**Rice, W.
Robinson
Roosevelt, E.
*Sanderson
Savory
Senha
***Shakespear
Simpich (i)
Smith, A. M.
**Stebbing, E. P.
Stewart, A. E.
Stockley (d)
Symington
*Thomson, William
Todd
Trench
**Vambery
*Vernay
Wardrop (b)
Whitehead
Williams, M. O. (o)
Wilmot
Tiger, Bengal *Felis tigris*
Inglis
Mann, W. M. (d)
Tiger, Black *Felis tigris*
Buckland
Caldwell
Tiger, Blue *Felis tigris*
Andrews, R. C. (c)
Caldwell
Tiger, Cannibal *Felis tigris*
Baker, E. B.
Tiger, Cattle-lifter *Felis tigris*
Christopher
Cooper, M. C. (a)
Eardley-Wilmot
Forsyth, J. p.271, 376
Fraser, J. G.
Hornaday (a)
Lydekker (b)
Pollock (b)
Porter, J. H.
Stebbing, E. P.
Tiger, Chinese *Felis tigris*
Grew
Huc
Tiger, "Dog-headed"
Ready
See also Wolf
Tiger, Hill ("Ghaut") *Felis tigris*
Christopher
Inglis
Rice, W.
Shakespear
Tiger, Long-haired *Felis tigris*
Andrews, R. C. (d)
Morden (d e)
Tiger, Manchuria *Felis tigris*
Adams, A.
Barclay
Lydekker (g)
Tiger, Man-eater or Man-killer *Felis tigris*
Baker, E. B.
Baker, E. C. S.
Bickmore
Blanford (b)
Braddon
***Bradley, M. H. (a)
Caldwell
Campbell, W.
Christopher
Cooper, M. C. (a)
**Eardley-Wilmot (a)
Elliott, A.
*Forsyth, J. p.307-12
Glasfurd (b)
Gordon, T. E. (b)
***Gouldsbury (d)
Hamilton, D.
Handley
Hicks
*Hornaday
Inglis
*Kinloch
*Leveson (d)
*Lydekker (b)
Mayer (b)
*Pollock (b c d)
Porter, J. H.
Rathborne ch.5
Rock, J. F. (f)
**Shakespear
*Stebbing, E. P.
Suffolk
Whitney, C.
Tiger, Melano, Albino *Felis tigris*
Christopher
Goodwin-Austen
Lydekker (g)
Robinson
Tiger, Plains *Felis tigris*
Christopher
Stebbing
Tiger, Sabre-toothed
Digby
Tiger, Siberia *Felis tigris longipilis*
Adams, A.
Mann, W. M. (d)
Tiger, "Were" *Felis tigris*
Gomes
Tiger cat *Felis tigris*
Baldwin, W. C.
Beebe, W. (b)
Maugham (c)
See also Cat
Tiger-Lion *Felis tigris*
Wilson, J. A.
Tommy, Thomson gazelle
Gazella thomsonii
Bronson
Cron
Lydekker (a—i)
McCutcheon
Percival
Roosevelt, T.
Schillings
*Selous, F. C. (g)
Smith, A. D.
Tookooris
Baker, S. W. (a)
Topti *Damaliscus korrigum*
Bradley, M. H. (a)
Bronson
Dickinson
Hoefler
Madeira
Pollock (a)
Powell-Cotton (d)
Roosevelt, T. (g)
White (b)
Tora *Bubalis tora*
Brocklehurst
Sanford and Legendre
See also Hartebeeste
Tsessebi
See Sassaby

Tsine

Christopher
Pollock (e)

Tur Eastern *Capra caucasica*
Western *Capra svertzowi*

Lydekker
Svertzow

Unicorn

Huc
Mjoberg
Swettenham
Wood (Bible)

Urial or Shapoo *Ovis vignei*

Aflalo (b)
Blanford
Burrard (a)
Dunmore
Grew
Kennion (c)
Kinloch
Lydekker (a—i)
Ronaldshay
Roosevelt, T. and K. (b)
Sclater
Stebbing, E. P.
See also Sha; Sheep

Vicugna *Vicugna vicugna*

Adams, H. C. (b)
Carpenter, F. G. (d)
Conway (e)
Enoch
Fountain (b)
Kingston
Means, P. A.
Townsend, C. W. (d)
Zahm

Viscacha

Adams, H. C.

Wallaby Large *Wallabia*

Small *Thylogale*

Bicknell
Gregory, H. E.
Lumholtz (a)
Mann, W. M. (d)
Moore, W. R. (b)
Wilkins, G. H.

Walrus *Odobenus obesus* and
Odobenus rosmarus

Bentley, F. ch.16
Birket-Smith
Boyd, L. A.
Brown, R. N. R.
Burton, R. G. (b)
Chapman, A. (b)
Dahl (a)
DeVeer
DeWindt (b)
Elliott, H. W.
Frothingham
Godman

****Guillemard**

Hall, C. F. ch.20, 32
Hayes, J. G. (a)
*Jackson, F. G.

****Kleinschmidt**

Koelz
MacMillan (a b c d e)
Markham (d)

Mecking
Melville

Nansen (c)***Nordenskiöld**

Payer
Peary (c)
Stejneger
Streeter
Sutton, G. M.
*Sutton, R. L. (e)
*Sverdrup
Whitney, H.
*Wrangell
Wright, J. K.

Wapiti, American

See Elk

Wapiti, Asiatic

Caldwell
Church
Donne (a)
Harrison, G. L. (a)
*Millais (g)
*Roosevelt, T. & K. (a b)
Shklovsky
Sowerby (c)
Wallace, H. F. (b c)
Wood, J. N. P.

Wart-hog *Phacochoerus aethiopicus*

Barnes
Barns (a)
Baum
Bronson
Brown, W. H.
Chanler
Cron
*Dugmore (a)
*Gouldsbury (a)
Kerr
Letcher
Madeira
*Maugham (c)
Melliss
Percival

Sanford and Legendre
Roosevelt, T. (p)
*Selous, F. C. (b)

Waterbuck *Kobus ellipsiprymnus*

*****Andersson (a b)**
Arkell-Hardwick
Bailey, H.
*****Baker, S. W. (a d)**

Baum
Brocklehurst
Bronson
Brown, W. H.
Carter
Chadwick (a)
Chanler
Chapman, A. (c e)
Cron
Dickinson
Domville-Fife
*Dugmore (a)
*Fraser, D. C. (b)
Glossop

*Gordon-Cumming (b)

*Gouldsbury (a)
Harrison, G. L. (a)
Heller (b)
Kerr
Letcher

Lethbridge

*Leveson (d)
Lydekker (a—i)

*Lyell (a)

*McCutcheon

Madeira

Mallet-Veale

Maugham (c)

Meikle

*Methuen

Osgood, W. H. (f)

Peel

Percival

Petherick

Roosevelt, T. (g)

Roosevelt & Heller

Savile

*Schillings

*****Selous, F. C. (b)**

Stanley, W. B.

Sykes, C. A.

Tangye

Treant (b)

Wollaston

Water-dog

Holt, E. G. (b) p.632

Weasel *Mustela*

Anthony
Bailey, V. (b)
Bull
Cory (e)
Farnham, T. J. (b)
Forbes
Meakin (b)
Roy, L. C. (b)
Sheldon (b)
Shiras (b)
Wood (Bible)
See also Ermine

Whale

Adams, H. C.
Ault
Ballantyne (b)
Beard
Beddard
Beebe, W. (e)
Brown, R. N. R.
Burnham
Carstensen
Dennis, A. P. (b)
DeWindt (b)
Egan, M. F. (b)
Fitzroy
Galton
Godman
Haeberle, A. T.
*Hanbury (b)
Hayes, J. G. (a b c)
*Holder (c)
Howell, A. B.
Humphrey
Kellogg (b)
Kingsley
Lamont (a)
Lewis and Clark
Markham (d)
*Millais (d) ch.7, 8, 9
Muir
*Murdoch
Murphy, R. C. (h)
*Nansen (c)
*Nordenskiöld

MAMMALS

- Nordenskjold
Osborn, C. S.
Payer
Preble
Price, W.
Prichard (e)
Puxley
Roule
Scott, W. B. (b)
Shiras (b)
Skottsberg
***Stefansson (a—e)
*Stuck
Thomas, W. S. (c e)
Whitney, H.
Wilson, J. A. (a b)
Wyndham
- Whale, Blue** *Sibbaldus musculus*
Kellogg (b)
- Whale, Bowhead** *Balaena mysticetus*
Howell, A. B.
Kellogg (b)
- Whale, Bryde's** *Balaenoptera brydei*
Kellogg (b)
- Whale, Finback** *Balaenoptera physalus*
Byrd, R. E. (c)
Ellsworth (c)
Howell, A. B.
Kellogg (b)
Miner, R. W. (a)
Murphy, R. C. (c h)
- Whale, Gray** *Rhachianectes glaucus*
Kellogg (b)
- Whale, Humpback** *Megaptera nodosa*
Grenfell (d)
Howell, A. B.
Kellogg (b)
Miner, R. W. (a)
Murphy, R. C. (c h)
- Whale, Japanese**
Adams, A.
Andrews, R. C. (b)
Bourne
- Whale, Killer** *Grampus orea*
Ault
Byrd, R. E. (c d)
Hayes, J. G. (b c)
Howell, A. B.
Mecking
Mowbray, L. L.
Murphy, R. C. (b)
- Whale, Pony**
Hansen, L.
- Whale, Pygmy** *Neobalaena marginata*
Kellogg (b)
- Whale, Right** *Eubalaena*
Birket-Smith
Byrd, R. F. (f)
Hayes, J. G. (c)
Murphy, R. C. (h)
- Whale, Sei** *Balaenoptera borealis*
Kellogg (b)
- Whale, Sperm** *Physeter catodon*
Grenfell (d)
Howell, A. B.
Murphy, R. C. (h)
- Whale, Sulphur-bottom**
Grenfell (d)
- Whale, White** *Delphinapterus leucas*
Howell, A. B.
Jackson, F. G.
MacMillan (a)
Whitney, H.
Wilson, J. A. (b)
- White-tail**
See Deer
- Wild boar**
See Boar; Hog; Pig
- Wildcat**
See Cat; Cat, Wild
- Wildebeste** *Connochaetes gnou*
Brown, W. H.
Burbridge (b)
Chadwick (a)
Chater, M. (f)
Churchill
Cron
Dickinson
Dugmore (a)
*Gordon-Cumming (b)
Hamilton, J. S. (b)
Harrison, G. L. (a)
Heller (b)
Hoefer
Johnson, Martin (b f p.84)
Kerr
*Lydekker (a—i)
*Madeira
*Maugham (c)
Percival
Roosevelt & Heller
*Selous, F. C. (b)
- Wildebeste, Blue** *Connochaetes taurinus taurinus*
Lydekker (b)
- Wildebeste, Brindle** *Connochaetes taurinus taurinus*
Lydekker (b)
- Wildebeste, White-bearded** *Connochaetes albovittatus*
Lydekker (b)
- Wolf, African** *Canis*
Baum
Foa
Kerr
- Wolf, Common, American** *Canis*
Anthony
Bentley, R. ch.14
Baden-Powell (b)
Boone
Cabot
Cory (e)
East, B.
Farnham, T. J. (b)
Filson
- *Fountain (c)
*Gillmore (i)
Godman
Griggs, R. F. (b)
Hanbury (b)
Hayes, J. G. (a)
**Holder (a)
*Hornaday (d)
Hubbard, L.
Huntington, D. W. (c)
Jones, C. J.
Jones, J. B.
Kingston
*Marcy (b)
Mecking
Miller
Mills (a d)
Murphy, J. M. (b)
Nuttall (a)
Parkman, F.
Prichard (b d)
Ruxton (b)
**Selous, F. C
**Sheldon
Shiras (b)
Webber
Whitney, H.
Wilkins (c)
- Wolf, Arctic** *Canis*
Dahl (a)
- Wolf, Asia** *Canis*
**Andrews, R. C. (d)
Atkinson (a b)
Baldwin, J. H.
Brander
Burnaby
Cheesman (b)
Cumming, W. G.
Doughty
Durand
Elliott, A.
Etherton (b)
Forsyth, J.
Fraser, J. B. (c)
Godman
*Gordon, T. E. (a)
Grenfell (d)
Harrison, G. L. (a)
Haslund-Christensen
*Hedin (b k)
*Hornaday (a)
Huc
Jernigan
Kennedy, E. B.
*Kinloch
*Macintyre
*Nansen
Newall, J. T. (a)
Ready
*Rockhill
Roosevelt, T. & K.
*Selous, F. C. (e)
***Shakespear
Wood (Bible)
Wrangell p.53
See also Europe
- Wolf, Australian**
Gregory, H. E.
- Wolf, Barren-ground**
Miller, G. S.

- Wolf, Black *Canis***
 Baldwin, W. C.
 Farnham, T. J. (b)
 Fraser, J. B. (d)
 Godman
 Grenfell (d)
 Kinloch
 Selous, F. C. (h)
- Wolf, Brown *Canis***
 Lewis and Clark
- Wolf, Cattle-killer *Canis***
 Hornaday (a)
- Wolf, Coyote, Coyote *Canis***
 Hornaday (d e)
 Mills (c)
- Wolf, European *Canis***
 Barnard
 Chapman, A. (b)
 Harting
 Marlowe
 Phillips-Woolley
 Turi
- Wolf, Gray *Canis***
 Audubon (b)
 Farnham, T. J. (b)
 Hardy
 Murphy, J. M. (b)
- Wolf, Large plains *Canis***
 Lewis and Clark
 Miller
- Wolf, Man-eater *Canis***
 Forsyth, J. p.72-4
 Hornaday (a)
 Kerr
 Kinloch
- Wolf, Prairie *Canis***
 Audubon (b)
 Farnham, T. J. (b)
 Fountain (a)
 Godman
 Lewis and Clark
 Murphy, J. M. (b)
See also Coyote
- Wolf, Red *Canis***
 Audubon (b)
 Farnham, E. W.
- Wolf, S. America *Canis***
 Fountain (b)
- Wolf, Timber *Canis***
 Baynes (b)
 Dodge (b c)
 Fuertes (c)
 Miller
 Shiras (d i)
 Vivian
- Wolf, White *Canis***
 Audubon (b)
 MacMillan, I. B. (a e)
- Wolverene *Gulo luscus***
 Anthony
 Audubon (b)
 Bentley, R. ch.4
 Godman
 Griggs, R. F. (b)
- Hanbury (b)
 Hornaday (d)
 Kingston
 *Radcliffe
 *Rice, W.
 Riggs, T.
 *Selous, F. C. (h)
 Sheldon (b)
 Turi
 Vivian
 Wrangell p.78, 116, 184
See also Glutton
- Wombat *Phascodomys***
 Gregory, H. E.
 Heilprin
 Miller, G. S. (b)
See also Australia;
 Marsupials
- Woodchuck**
See Groundhog; Marmot
- Yak *Bos (Poephagus) grun-***
mens
 Affalo (b)
 Andrews, R. C. (d)
 Beebe, W. (b)
 Clark (b)
 Conway (a)
 DeLesdain
 DeTerra
 Dunlop
 Dunmore
 Gill, W.
 *Gordon, T. E. (a)
 Haslund-Christensen
 *Hedin (b)
 Hooker (b)
 Jardine
 Kennion (a)
 Landor (b)
 Lydekker (b)
 Macintyre
 Mann, W. M. (d)
 *Morden (a b c)
 Polo, M.
 Rock, J. F. (b d e)
 *Rockhill
 Roosevelt, T. & K. (a b)
 Rutledge
 Sanders, A. H.
 Stockley (d)
 Trinkler
 Wellby (a)
 Wilbur, L. D.
 Wood, J. N. P.
- Zebra, Common *Equus***
 Arkell-Hardwick
 Barnes
 Baum
 Bennett
 Bewick
 Brocklehurst
 Bronson
 Brown, W. H.
- Bryden (e)
 Chanler
 Chater, M. (f)
 Cron
 Dickinson
 Galton
 Gordon-Cumming (b)
 Gouldsbury
 Harrison, G. L. (a)
 Johnson, Martin (b d)
 Kearton
 Kerr
 Kittenberger
 Maugham (c)
 Leveson (d)
 Lydekker (b)
 Madeira
 Methuen
 Peel (a)
 Percival
 Schillings
- Zebra, Burchell *Equus bur-***
chellu
 Kerr
 Lydekker (a—i)
 Madeira
 Maugham (c)
 Methuen
 Percival
 Selous, F. C. (b)
 Smith, A. D.
 Tjader
- Zebra, Chapman's**
 Carter, W. H.
- Zebra, Grant's**
 Carter, W. H.
- Zebra, Grevy *Equus (Doli-***
chippus) grevyi
 Carter, W. H.
 Johnson, Martin (d)
 Lydekker
 Maugham (c)
 Neumann
 Osgood, W. H. (b)
 Percival
 Roosevelt, T. (g)
 Roosevelt & Heller
 Smith, A. D.
 Tjader
See also Grevy Zebra
- Zebra, Mountain *Equus***
(Hippotigris) zebra
 Carter, W. H.
 Lydekker (b)
- Zebroid**
 Percival
- Zebu *Bos indicus***
 Bewick
 Cumming, C. F. G. (c)
 Fraser, J. B. (d)
 Hornaday (a)
 Mann, W. M. (d)
 Sanders, A. H.
 Swingle, C. F.
 Vandercook
See also Cebu; Ox

Section 10. Division 8. Subdivision a. PRIMATES (Monkeys)

Monkeys

- Adams, H. C. (c)
 Agassiz
 Andrews, R. C. (d)
 Baldwin, W. C.
 Beebe, W. (c)
 Bulpett
 Champion
 Chapman, F. M. (l)
 Clark, L.
 Cooper, M. C. (a)
 Dickey
 Domville-Fife
 Durand
 Fenton (b)
 Fitzsimons (b)
 Fyleman
 Garner
 Gill, Mrs R. C.
 Gill, W.
 Gregory
 Hall, M. A.
 Hingston, R. W. G. (b)
 Kipling
 Koehler
 McDermott
 Mann, W. M. (c d)
 Miller, G. S. (b)
 Mjoberg ch 2
 Moore, W. R. (a)
 Nesbitt
 Regan, C. T.
 Rice, W.
 Romer
 Scott, W. B. (b)
 Wood (Bible)
 Woodroffe
 Yerkes
See also Ape, Baboon, Chimpanzee, Lemur, etc.
- Monkey, Arabian or sacred**
Papio hamadryas arabicus
 Fenton (b)
- Monkey, Aye-aye** *Daubentonia madagascariensis*
 Fenton (b)
- Monkey, Barbary ape or magot** *Macaca sylvanus*
 Mann, W. M. (c d)
- Monkey, Black ape or Celebec**
 Mann, W. M. (c)
- Monkey, Capuchin or Ring-tail** *Cebus capucinus*
 Chapman, F. M. (l)
 Fenton (b)
 Fyleman
 Garner
 Mann, W. M. (c d)
 Regan, C. T.
- Monkey, Cebus** *Cebus capucinus*
 Fyleman
 Mann, W. M. (c d)
- Monkey, Chacma** *Papio porcarius*
 Mann, W. M. (c)
- Monkey, Colobus**
See Colobus
- Monkey, Diana** *Cercopithecus diana diana*
 Fitzsimons (b)
 Fyleman
 Regan, C. T.
See also Rolla monkey
- Monkey, Drill** *Mandrillus leucophaeus*
 Fenton (b)
 Fitzsimons (b)
 Fyleman
 Mann, W. M. (c d)
- Monkey, Galago** *Galago gar-netti*
 Fitzsimons (a)
 Mann, W. M. (d)
- Monkey, Gelada baboon**
Theropithecus gelada
 Mann, W. M. (c)
 Yerkes
- Monkey, Geoffroy's marmoset**
Leontocbus Geoffroyi
 Chapman, F. M. (l)
 Fenton (b)
 Fyleman
 Mann, W. M. (c)
 Regan, C. T.
 Shiras (h)
- Monkey, Gibbon** *Hyllobates maculifer*
 Clark, L.
 Fenton (b)
 Fyleman
 Mann, W. M. (d)
 Mjoberg ch 2
 Regan, C. T.
- Monkey, Guenon** *Cercopithecus*—several species
 Fitzsimons (b)
 Fyleman
 Mann, W. M. (c d)
 Regan, C. T.
- Monkey, Guereza** *Colobus caudatus*
 Fitzsimons (b)
 Mann, W. M. (c)
- Monkey, Hamadryas** *Papio hamadryas*
 Mann, W. M. (c)
 Regan, C. T.
- Monkey, Hanuman** *Presbytis entellus*
 Mann, W. M. (c)
- Monkey, Howler** *Alouatta ursina*
 Chapman, F. M. (l)
 Fenton (b)
 Mann, W. M. (c d)
 Regan, C. T.
 Yerkes
- Monkey, Hussar or red**
Erythrocebus whitei=
Erythrocebus patas pyrrhonotus
 Mann, W. M. (c)
- Monkey, Langur** *Presbytis entellus*
 Mann, W. M. (c d)
 Regan, C. T.
- Monkey, Lemur**
See Lemur
- Monkey, Loris** *Loris tardigradus*
 Fenton (b)
 Mann, W. M. (d)
 Regan, C. T.
- Monkey, Lutong, lotong, or leaf eating** *Presbytis obscurus*
 Mann, W. M. (b)
- Monkey, Macaque** *Macaca irus*, etc.
 Fenton (b)
 Fyleman
 Garner
 Mann, W. M. (c d)
 Mjoberg ch 2, 3
 Regan, C. T.
- Monkey, Mandrill** *Mandrillus sphinx*
 Fitzsimons (b)
 Fyleman
 Mann, W. M. (c)
 Regan, C. T.
- Monkey, Mangabeys** *Cercocebus*—several species
 Fyleman
 Mann, W. M. (d)
 Regan, C. T.
- Monkey, Mustache** *Cercopithecus cephus*
 Fitzsimons (b)
 Fyleman
 Mann, W. M. (c d)
- Monkey, Night** *Aotus zonalis*;
Aotus vociferans
 Chapman, F. M. (l)
 Mann, W. M. (d)
- Monkey, Oukaris, or Cacajao**
Cacajao rubicundus
 Mann, W. M. (c)
- Monkey, Owl** *Aotus vociferans*
 Fyleman
 Mann, W. M. (c d)
 Shiras (h)
- Monkey, Proboscis** *Nasalis larvatus*
 Johnson, Martin (g)
 Mann, W. M. (c d)
 Mjoberg ch.4
- Monkey, Rhesus** *Macaca mulatta*
 Fyleman
 Garner
 Mann, W. M. (c d)
 Yerkes

- Monkey, Roloway and Diana**
Cercopithecus diana roloway
 Fyleman
 Mann, W. M. (c)
- Monkey, Saki** *Pithecia chiro-potes*
 Fyleman
 Mann, W. M. (d)
 Regan, C. T.
- Monkey, Spider** *Ateles, etc.*
 Cott
 Fenton (b)
 Fyleman
 Garner
- Gill, Mrs. R. C.
 Mann, W. M. (c d)
 Regan, C. T.
- Monkey, Squirrel** *Saimiri oerstedii*
 Chapman, F. M. (l)
 Fyleman
 Mann, W. M. (c)
 Regan, C. T.
 See also Marmoset
- Monkey, Talapoin** *Myopithecus talapoin*
 Mann, W. M. (c)
- Monkey, Titi** *Saimiri sciureus*
 Chapman, F. M. (l)
 Fyleman
- Mann, W. M. (d)
 See also Squirrel monkey
- Monkey, Uakare** *Cacajao rubicundus*
 Fyleman
 Regan, C. T.
- Monkey, Velvet** *Cercopithecus pygerythrus*
 Fitzsimons (a b)
 Mann, W. M. (d)
- Monkey, Woolly** *Lagothrix lagotricha*
 Fyleman
 Mann, W. M. (c d)
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Section 11—Anthropology

About 250 names of native tribes, aborigines and savages have been added to the list appearing in the first edition and references are made to many more authors and authorities.

It should be noted that authors vary considerably in the spelling for native tribes especially in remote countries.

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| Austin, H. H. | Browne, G. S. C. | Church, G. E. |
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Section 12—Hygiene, Health

Many of the observations referred to in this section are the incidental results in field exploration of hunters, explorers, naturalists, and other travelers. Other experiences are those of physicians in the practice of medical science. Their books are entered in this limited bibliography as follows

Under the subject-heading of longevity are references to library records, which are best explained in a monograph entitled *LONGEVITY, OR STUDY OF THE LIFE SPAN, SHOWING SIX YEARS LOSS IN ADULT EXPECTATION IN LIFE*. This brochure was issued in 1937 as Supplement No. 2 to the first edition of the *NATURAL HISTORY INDEX-GUIDE*. The vital statistics used in this survey were procured largely from the mortality experiences of old line life insurance companies and the dictionaries and encyclopedias of American biography found in public libraries and referred to in this section.

In all sections and divisions scientific assistance has been enlisted (except Sections 11, 13, 14). For this section on Hygiene and Health the service has been rendered by Miss Blake Beem, Librarian, Medical Department, University of Louisville. Miss Beem has also suggested the addition of the titles on this subject appearing in the Supplemental Bibliography occupying the last pages of the volume, and some of the following references are made to authors' names appearing in the addenda.

The hyphenated words used in the following subject headings are the popular forms. In medical science the hyphen is omitted, for example, beriberi instead of beri-beri

In addition to the titles on hygiene given here there may be found in the general bibliography of Section 15 some 300 titles to which references are made under hygiene subject-headings

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Walsh (b)

Disinfectant

Mjoberg
See also Medicine

Distemper

Galton
 Selous, F. C. (b)
See also Horses

Drink necessary

Pollock (b)
See also Liquor; Medicine

Drunkenness

Dexter, E. G.
 Smith, H. M. (h)
See also Alcoholism

Dysentery

****Baker, S. W. (b)**
 Barker
****Bock (a c)**
 Bourne
 Burnet
****Burton, R. F. (k)**
 Calkins
 Chapin, H. D.
 Conn (b)
 Coolidge
***Dickey**
 Dingle
***Eardley-Wilmot**
 Faulkner
 Gibbons (b)
 Glasfurd (b)
***Gouldsbury (a)**
 Greaves
***Guillemard**

Hornaday (a)
 Kerr
 Kopeloff
 Markham (d)
 Mjoberg
***Morden (e)**
 Park, W. H.
 Patterson (a)
 Pellow
 Sadler
 Schillings
 Stanley
 Walsh (a d)
 Ward, H.
***Whitney, C. (c)**
 Whymper, E. (b)

Dyspepsia

Barker
 Bristol
 Chapin, H. D.
 Walsh (a c)

Eczema

Bristol

Elephantiasis, Dengue

Johansen
 Vandercook

Enteritis

Hrdlicka (a)
 Percival (a)
 Sinclair
See also Disease

Enzymes

Goldstein

Epidemics

Lillingston

Epilepsy

Barker
 Fraser-Harris
 Gouldsbury (a)
 Hay, W. H.
 Sadler
 Sinclair
 Walsh (d)
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Epsom salts

Carvalho
 DuChaillu (g) ch 1
 Dutton

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Eructate

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Erysipelas

Hay, W. H.
 Lumholtz (a)
See also Skin disease

Exercise

Christian

Eyesight

Berens
 Kaufman

Fallen Arches

Glasgow

Famine

Chapman, O. M.
See also Hygiene

Fatigue

Moore

Feeble-mindedness

Altenburg

Fever

Adam, J. C.
*****Andersson (b)** p.240-9
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*****Baker, S. W. (b)**
 Barrett, O. W.
 Beebe, W. (b)
 Bickmore
****Bock (a b c)**
 Carpenter, F. G. (d)
 Cobb, H. A.
 Coolidge
 Cox
***Dugmore (a)**
 Dunmore
 Enock
 Forbes
 Galton (c)
 Glasfurd (b)
***Gouldsbury (a b)**
***Guillemard**
 Harrison (a)
 Hoeffer
***Hornaday (a)**
 Jameson
 Johnston, H. H. (c—1)
 Kerr
 Lange (a)
***Lumholtz (a)**
 Milligan
 Packard
 Percival (a)
 Pike, N.
 Prodgors
***Rice, A. H**
***Ronaldshay (a)**
***Roosevelt, T. & K. (a)**
 Sadler
*****Selous, F. C. (b)**
 Sinclair
 Singer
 Smyth
*****Stanley**
 Stephens, J. L. (a)
 Sykes, C. A.
 Volney ch.10
 Wallace
 Ward, H.
 Wells, C. (b)
***Wells, J. W.**
***White**
 Whitehead
 Whitney, H.

Filter

Powell (c)
See also Boiled water;
 Hygiene

Fits

Walsh (d)

Flat-feet

Glasgow
 Walsh (b)

Foot & mouth disease

Brown, W. H.
 Park, W. H.
 Smith, K. M.
See also Contagion

Forest gloom

Barnes
See also Psychology

Founder

DeVeer
See also Hygiene;
 Over-eating

Frost and frozen-to-death

Baillie-Grohman (a)
 Dodge (c)
 Farnham
 Huc
 Shackleton

Frost bite

Adams, J. C.
 Carstensen
 Conway (a)
 Ellsworth (c)
 Morden (a)
 Nordenskiöld
 Rutledge
 Stefansson (b)
 Turi p.155-7

Gallstones

Barker

Ganglion

Fraser-Harris
See also Nerves

Gangrene

Kopeloff
 Lange (a)

Gastritis

Baker, S. W. (a)
 Barker
 Hrdlicka (a)
 Percival (a)

Glanders

Park, W. H

Goitre

Barker
 Bickmore
 Dingle
 Dunmore
 Forbes
 Fountain (b)
 Gill, W
 Hay, W. H
 Jaffee
 Reid, W. J
 Sadler
 Serpa-Pinto
 Warwick, A. (b) p.128

Gold fever

Brown, W. H.

Gonorrhea

Barker
 Bristol
 Sadler

Gout

Barker
 Bock (c)
 Kerr
 Sadler

Habits

Walsh (b)

Haemorrhoids or Piles

Axtell
 Barker
 Burton, R. F. (k)
 Selous, F. C. (d g)

Hardships

Andersson (a)

Hay-fever

Bristol
 Hay, W. H.
 Jaffee
 Kopeloff
 Shields (a)
 Spillman
 Walsh (c)

Head-ache

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 Chapin, H. D.
 MacKaye
 Sadler
 Walsh
 Whitehead
 Whympcr, E. (b)
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Health

Andersson (a b) p.145
 Pollock

Heart disease

Barker
 Bishop
 Boas
 Bristol
 Burnaby
 Crawford
 Hay, W. H
 Jaffee
 Schillings
 Sinclair

Hemorrhoids

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Heredity

Calkins
 Jaffee

Hernia

Bristol
 Gouldsbury (a)
 Takats
See also Sickness

Hiccough

Walsh (c)

High blood-pressure

Barker
 Hay, W. H.
 Jaffee
 Sadler

Hodgkin's disease

Ginsburg

Home-sick

Whitney, H.
See also Forest gloom

Hookworm

Barker
 Higgins
 Huntington, E.
 Lee, T. F
 Sadler
 Schurz

Horse sickness

Brown, W. H.
 Burnet
 Churchill
See also Distemper

Hot-sickness

Percival (a)
See also Deserts;
 Temperature

Hydrophobia

Baker
 Bourne
 Bristol
 *Burton, R. F. (k)
 Conn (b)
 Darwin, C.
 Gadow
 Greaves
 Kennedy, E. B.
 Kopeloff
 Methuen
 *Newall, J. T.
 Park, W. H.
 Sadler
 Wallace
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Hygiene

See Boiled water;
 Disease; Medicines, etc.

Hypnotism

Fraser-Harris

Hypochondria

Stanley
See also Psychology

Hypodermics

Mjoberg
See also Sickness; Surgery

Hysteria

Barker
 Sadler
 Walsh (b c d)
 Wrangell

Idiocy

Altensburg

Incest

Gouldsbury
See also Savages

Indigestion

Bristol
 Hardy
 *Stuck
 Walsh (c)

Infantile paralysis

Chapin, H. D.
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Infection

Ellsworth (c)
 Emerson
 Greaves
 Thomas, W. S. (b)
See also Contagion

Influenza

Barker
 Bristol
 Grubb (b)
 Hay, W. H.
 Hinde (b)
 Hough, T.
 Jaffee
 Park, W. H.
 Sadler
 Sinclair
 Townsend, C. W. (c d)

Insanity

Dexter, E. G.
 Gouldsbury (a)
 Sadler

- Insomnia**
Bristol
Sadler
- Iodine**
Simpich (b)
Smith, H. M. (h)
Walsh (a c)
See also Geology
- Iodoform**
Glasfurd
See also Medicines
- Ipecacuanha**
Baker (a)
Wells, J. W.
- Itch**
Baker, S. W. (a)
See also Skin-disease
- Jaundice**
Barker
Burton, R. F. (k)
Calkins
Jameson
Kopeloff
Turi p.159-60
- Jungle fever**
Hornaday (a)
Kinloch
See also Fevers
- Kidney trouble**
Barker
Bristol
Jaffee
Sadler
Walsh (d)
- Laryngitis**
Barker
Hough, T.
Sadler
- Laxative**
Glasgow
Mjoberg
- Left-handedness**
Altenburg
- Leprosy**
Agassiz
Barker
Beebe, W. (b) p.206
Bickmore
*Bock (c)
Burnet
*Burton, R. F. (k)
Church, G. E.
Coville, L. G.
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Faulkner
Gomes
*Gouldsbury
*Guillemard
Hingston (b)
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Johansen
Johnson, Martin (e)
Kopeloff
Landon (d)
London
Nordenskiöld
Osborn, C. H.
- Park, W. H.
Rock (f)
Sadler
Schurz
Scully
Swingle
Treves
Wells, J. W.
- Lint**
Glasfurd (b)
- Liquor for fever**
Semon
- Liver-trouble**
Barker
Faulkner
- Lockjaw**
Barker
Bristol
Conn (b)
Hough, T.
Kopeloff
Park, W. H.
Sadler
- Locomotor Ataxia**
Barker
- Longevity**
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Corey, H. (d) p.493
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Easton
Flourens
Gould
Graham, C. C.
Gray, W. F.
Holyoke
Hough, T.
Jaffee
*Johnson, A. ed.
Lankester (b)
*Lee, S. ed.
Lull (a)
McFee
Montefiore (Gray, W. F.)
Frodgers
Sadler
Thomas, W. J.
Thomson, J. A. (c)
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*Wrangell p.165
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- Lumbago**
Barker
Walsh (d)
- Lung trouble**
Payer
Shakespeare
Sykes, C. A.
- Madness**
See Piblokto
- Malaria**
Adams, H. C. (f)
Andre
Barker
**Bock (c)
- Bristol
Brown, W. H.
Burnet
Caetani
Calkins
*Carpenter, F. G. (d)
Chapin, H. D.
Cobb, H. A.
*Cron
*Dickey
Dingle
Gadow
**Galton (c)
Gibbons (b)
Greaves
Hough, T.
Jaffee
Kearney (b)
Kirjassoff
Kopeloff
Lange (a)
Morley
Pereira
Pike, N.
Reid, W. J.
Sadler
*Schillings
Scriven
Sykes, C. A.
Symington p.2
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Torday
Tschudi
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Ward (b)
Wells, C.
- Malnutrition**
Pitkin
- Marihuana**
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- Marriage**
McDermott
- Measles**
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Bristol
Calkins
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Fitzroy
Hough, T.
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Kopeloff
Stuck
Ward, R. D. (b)
Wilcox
- Medicine**
Pollock (d)
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Pills; Quinine;
Stimulants, etc.
- Medicine man**
Burrows
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- Medicine-chest**
Patterson (a)
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- Melancholy**
Jaffee
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- Meningitis**
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*Morden (a)
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Sadler
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*Stuck (a)
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Whymper, E. (b)
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- Mumps**
Barker
Bristol
Chapin, H. D.
- Nausea**
Walsh (c)
- Nearsightedness**
Altenburg
- Nephritis**
Barker
Bristol
- Nerves**
Fraser-Harris
Hough, T.
- Nerve-strain**
Scious, F. C.
- Neuralgia**
Chapin, H. D.
- Neuritis**
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Fraser-Harris
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- "News-kin"**
Shackleton
- Obesity**
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Sadler
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- Old age**
See Longevity
- Operations**
Bradley, M. H. (b)
- Ophthalmia**
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*Burton, R. F. (k)
*Galton (c)
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Makin
Methuen
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- Opium**
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- Osteopathy**
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- Paralysis**
McKinnon
Walsh (d)
- Parrot-fever Psittacosis**
Calkins
Smith, K. M.
- Pellagra**
Barker
Gore, J. H. (b)
Jaffee
Johannesen
- Perchloride of mercury**
Glasford
- Peritonitis**
Barker
- Permanganate of potash**
Dutton
Maugham (c)
- Peroxide**
Villiers (b)
- Peruvian bark**
See Quinine
- Pests**
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Mosquitoes; Snakes, etc.
- Phthisis**
Makin
Walsh (b)
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- Piblokto**
Peary (c)
Whitney, H.
- Piles**
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- Pills**
Baker (a)
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- Plague**
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- Greaves
Kopeloff
Noyes
Park, W. H.
Reid, W. J.
Ronaldshay (a)
Stephens, J. L. (c)
Swingle
Ward (b)
Yule (a)
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- Pleurisy**
Barker
Lange (a)
Sadler
- Pneumonia**
Barker
Bingham (b)
Bristol
Cecil
Chapin, H. D.
Greaves
Hrdlicka (a)
Kopeloff
Sinclair
Sykes, C. A.
Walsh (b c)
Wells, C. (b)
Zahm
- Poultice**
Adams, J. C.
- Proud flesh**
Galton (c)
- Ptomaine**
Burnet
Jackson, F. G.
- Pulse**
Bock (a)
- Purging**
Cartwright
- Pyorrhea**
Burnet
Park, W. H.
Walsh (c d)
- Quinine**
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Bingham, H. (d)
**Bock (a c)
Burnaby
*Carpenter, F. G.
Clark, L.
Coolidge
*Cron
*Dickey
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Dutton
Enock
*Galton (c e)
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- Barker
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Anthropology

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White

Rheumatism

- *Andersson (b) p 206
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 *Hornaday (a)
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 *Lewis and Clark
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 Walsh (a b d)
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Rhino-horn

- Lankester (b)
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- Axtell
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 Emerson
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- Burnet
 *Gouldsbury (a)
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- Maugham (c)
 Percival (a)
 *Schillings
 Selous, F. C. (g)

Ringworm

- Barker
 Bristol
 Clark, L.
 Guillemard
 Sultan
See also Skin disease

Saiga powder

- Morden (e)

Salad-oil cure

- Schillings

Salts, Epsom

- Smith, A. W.

Sarsaparilla

- Walsh (d)

Scarlet-fever

- Barker
 Chapin, H. D.
 Dodge (c)
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 Sadler
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- Walsh (c d)

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- Armstrong, A. p 539
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 Jackson
 MacMillan, D. B. (b c)
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 *Melville
 *Nordenskiöld
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Sea-sickness

- Johnson, Martin (e)
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Shell-shock

- Walsh (b d)

Short-breath

- See Mountain sickness*

Sickness

- Adams, J. C. p.284
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Disease

Skin-disease

- Durand
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- Carroll

Sleeping sickness *Trypanosomiasis*

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 **Andersson (a)
 Barnes
 Bland-Sutton
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 Bronson
 Burnet
 Calkins
 Carpenter, G. D. H.
 Fraser, D. C. (a)
 *Gouldsbury (a b)
 Jaffee
 *Johnson, Martin (d)
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 Magee, F. J.
 *Maugham (c)
 Milligan
 Puxley
 Savile, F. (a)
 Thomson, J. A.
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 *Treatt
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 **Baker, S. W. (b c d)
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 *Bock (c)
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 *Burton, R. F. (k)
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*Ruttledge
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- Somnambulism**
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- Sore-eyes**
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- Sore-throat**
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- Sores**
Landor (b)
- Spirillum fever**
Calkins
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Treatt
- Syphilis**
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Barker
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- Syringe**
Glasfurd (b)
- Tartar-emetie**
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Dexter, E. G.
- Tertian fever**
Burton, R. F. (k)
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- Tetanus**
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Bristol
Burnet
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- Thirst**
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- Thyroid gland**
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- Trachoma**
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- Trench fever**
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- Trichinosis**
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- Tuberculosis**
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Calkins
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Griggs, R. F. (a)
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Hinsdale
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Kopeloff
Park, W. H.
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Sinclair
Stuck (b)
Townsend, C. W. (c d)
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Jaffee
- Typhoid fever**
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Lange (a)
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*Burton, R. F. (k)
Calkins
*Guillemard
Hay, W. H.
Hinde (b)
Hornaday (a)
Milligan
Perez
Sykes, C. A.
- Vaccination**
Bristol
Burnaby
Burnet
Chapin, H. D.
Conn (b)
- Emerson
Greaves
Hay, W. H.
Hinde (b)
Hough, T.
Kopeloff
Packard
Sadler
Walsh (d)
- Varicose veins**
Axtell
- Vaseline**
Landor (b)
Sykes, C. A.
Wellby
- Veldt sores**
Treatt
See also Disease
- Venereal disease**
Bristol
Calkins
Hornaday (a)
Kopeloff
Osborn, C. S.
Park, W. H.
- Vertigo**
Barker
- Violent death**
Andrews, R. C. (d) p.87
Galton (e) p.141
Milligan
- Weather and health**
Dexter, E. G.
- Whiskey disuse**
Baker, S. W. (a)
- Whiskey vs. Snake-bite**
Cory (e)
Sutherland
See also Medicine
- White sickness**
Pike, W. (a)
See also Aborigines
- Whitlow sores**
Galton (e)
- Whooping-cough**
Bristol
Chapin, H. D.
Dodge (c)
Hough, T.
Kopeloff
Park, W. H.
See also Sickness
- Witchcraft**
Barrett, O. W.
Bell, W. D. M.
Hoffman, C.
Walsh (d)
See also Medicine man
- Yaws**
Vandercook
Ward (b)
- Yellow-fever**
Anthony (c)
Barker
Bates
Calkins
*Carpenter, F. G. (d)
Cobb, H. A.
Fletcher p.599
Greaves
Grosvenor, G. (b)
Guenther
Holland
Hough, T.
Jaffee
Kopeloff
Lange (a)
Longley, W. H. (a)
Morley
Nuttall (a)
Park, W. H.
Sadler
Sands
Schurz
Smith, H. H.
Thomson, J. A. (c)
Treves
Wallace
Ward (b)
Zahm (d)

Section 13—Food and Drink

Animals in general require food and drink in some form, but this section concerns human diet alone. The names for these articles of food are innumerable, but only about 350 in common use are listed here. This section is closely allied to the sections on Hygiene and Anthropology which precede it.

In addition to these selected titles on food and drink there may be found in the general bibliography, Section 15, some 400 or 500 titles to which references are made under food and drink subject-headings.

The articles of food and drink are used, recommended and referred to by travelers, explorers and naturalists, in their experiences and observations in the field, forests and in the waters; necessities, luxuries, stimulants, articles both natural and un-natural.

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FOOD AND DRINK

Acorns

Coulter
Palmer, R. A.
Winton

Acorn "coffee"

Adams, J. C.
See also Drink; Nuts

Acorn-bread and mush

Merriam, C. H.

Aguacate

Gadow
See also Fruit

Aguardiente

Bingham, H. (c) p.562
Higgins
Zahm

See also Liquor; Wine

Alcohol

Bock (b)
Carpenter, F. G. (d)
Dodge (d)
Huntington, E.
Kopeloff
Murdock
Ruttledge p.311
Stirling, M. W.
See also Liquor; Whiskey

Ale

Newall, J. T. (d)

Almonds

Baker, R. W.
Barnard
Hassancin
Younghusband, F. (a)
See also Nuts

"Anti-drink"

Bailey, H.
Cheney
See also Liquor; "No Drink"

Anti-scorbutic

Melville

Apples

Axtell
Barnard
Burnes
Dunmore
Dutton
McFee
*Maugham (c)
Sadler
Sinclair
*Torrey (c)
Vachell
*Younghusband, F. (a)
See also Fruit; Trees

Apricots

Axtell
Barnard
Burnes
*Dunmore
Ellsworth (c)
Lattimore
Ronaldshay (a)
Trinkler
Vachell
*Younghusband, F. (a)
See also Fruit; Trees

Arrak

Atkinson (b)
*Baker, S. W. (b)
Bickmore
Cuming, C. F. G. (c)
Reid
Scott, G. C.
Whitehead
See also Liquor

Asparagus

Axtell
Barnard
McFee
Maugham (c)
Sadler
See also Vegetables

Bacon

*Baillie-Grohman (a)
Bradley (a)
*Cron
*Dutton
Griggs, R. F. (b)
Holland
Madeira
*Maugham (c)
Oswald
Palmer, J.
Pike, W. (a)
Rockhill (a)
*Saint-Cricq
*Selous, F. C. (h)
*Sheldon (b)
Sykes, C. A.
Vachell
Walsh
Washburn
Whitney, H.
Zahm (a b)
See also Meat; Pork

Baking powder

Curran
Gibbon (a)
Maugham (c)
Prodgers
*Stuck (a)
Vachell
*White (b)
See also Bread

Bananas

Adams, H. C. (g)
*Andre
Bickmore
*Bock (a)
Calvert
*Carpenter, F. G. (d)
Casati
*Cron
Denton
*Dutton
*Dyott (a b)
Faulkner
Gadow
Johnson, Martin (e)
McFee
Milligan
Nejame
Popenoe, P. B.

Rice, A. H.
Russell, F. (a)
Sadler
Tschudi
Ward, H.

See also Fruit

Banana, Mountain or Fei

Murphy, R. C. (d)

Bannock

Washburn
See also Bread

Barley

Axtell
Barnard
Chapin, H. D.
Curran
*Filson
*Fountain (b)
Hansen, L.
Hrdlicka (a)
McFee
*Nordenskiold
Rockhill (a)
*Saint-Cricq
Scrivens
Sheldon, A. L.
Young, E. (d)
See also Cereal

Beans

Axtell
***Baker, S. W. (a)
Barnard
Corey, H. (b)
Curran
*Dugmore (a)
*Dunmore
Dutton
*Dyott (b)
Ellsworth (c)
Griggs, R. F. (b)
Lange (a)
Madeira
Maugham (c)
Methuen
Nordenskiold
Patric, J. (a)
Reid
Rockhill (a)
Sadler
Sansum
*Selous, F. C. (e)
Sinclair
Stephens, J. L. (c)
Torday
Trinkler
Vachell
*Wallace, D. (c)
Walsh
Wells, J. W.
*White (b)
*Younghusband, F. (a)
See also Vegetables

Beans, Carob

Baker, R. W.
Williams, M. O. (j)

Beans, Soy

Coville, L. G.
Simpich (j)

- Beaver tail**
Loring
Ruxton (b)
See also Meat
- Beef**
Axtell
Byrd, R. E. (c)
Dutton
Lange (a)
Wellby
Wells, J. W.
See also Meat
- Beer**
*Bock (a c)
Burrows
Casati
Chapman, A. (b)
Cox, E. C.
*Gouldsbury (a b)
Lange (a)
Methuen
See also Vegetables
- Beets**
Axtell
Dickey
McFee
- Berries**
Atkinson
*Baker, S. W. (b)
Barnard
Hardy
*Lewis and Clark
Sadler
*Selous, F. C. (h)
Smith, H. H.
Thomas, W. S. (b)
Woodroffe
Young, E. (d)
See also Blackberries;
Currants, etc.
- Betel-nut**
Baker, S. W. (b)
Bock (b c)
Coolidge
Moore, W. R. (e g)
Walsh (b)
Young, E.
See also Trees
- Bilberries**
DeVeer
See also Fruits
- Biltong**
Brown, W. H.
See also Meat
- Bird's nest**
Gomes, E. H. (b)
Mjoberg ch.10
See also Swift
- Biscuit**
Andre
*Bradley (b)
Collins
Dutton
Ellsworth (c)
Hardy
*Maugham
Prodgers
St. John, B.
Selous, F. C. (h)
Thomson, Joseph (b)
Wilkins (d) p.133
- Bitters**
Prodgers
See also Drinks
- Blackberries**
DeVeer
Ossendowski
Torrey (c)
- Black-birds**
Young, E. (b)
See also Meats
- Bloater**
Dutton
See also Meats
- Blood**
Bourne
Dodge (d)
Galton (c)
Percival
Rice, A. H.
Seabrook
Torday
See also Aborigines;
Cannibals; Food;
Savages
- Blueberries**
Dunraven (a)
Hall, C. F.
Hardy
Thomas, W. S. (b)
- Boiled water**
Blaney
Jackson, F. G.
Schillings (b)
See also Drink
- Borsch, Soup**
Coville, L. G.
- Bouillon cubes**
Ellsworth (c)
- Bovril**
Dutton
See also Soup
- Brandy**
Adams, J. C.
*Andersson (a)
*Bryden (e)
*DuChaillu (a)
Dutton
Haslund-Christensen
Huc
Methuen
Newall (a d)
Nordenskiöld
Patterson (a)
Pellow
*Roosevelt, T. & K.
St. John, B.
**Shakespear
Tschudi
Wellby (a)
*Wells, C. (b)
Whitehead
*Whitney, C. (c)
*Wrangell p.86
See also Stimulants
- Brazil-nuts**
Axtell
Bates
Guenther
Sadler
Simpich (f)
Wallace (d)
- Zahm
See also Trees
- Bread**
**Baillie-Grohman (a)
Bishop, I. L. B. (c)
Boner
Browne, J. R.
Carpenter, F. G. (b)
Cheney
*Cron
*Dutton
**Galton (c e)
Hardy
McFee
Nordenskiöld
Ossendowski
Packard
Palmer
Russell, F. (a)
Seabrook (a)
**Sheldon (b)
Stephens, J. L. (c)
Thomas, B.
Trinkler
Wrangell (b)
Young, E. (d)
Zahm (a b)
- Bread, Pilot**
Griggs, R. F. (b)
- Breadfruit**
Bickmore
Calvert
Fairchild, D. (a)
*Lumholtz (a)
*Mjoberg
Ober
Pidgeon
Smith, H. W. (a)
See also Trees; Fruit
- Brussels sprouts**
Axtell
Barnard
See also Vegetables
- Buckeye**
Merriam, C. H.
- Buckwheat**
Dickey
Fernsworth
Forrest, G.
Pereira
Smith, H. M. (h)
Stebbing (b)
Younghusband, F. (a)
See also Cereals; Flowers
- Buffalo or Bison, Hump or Depouille**
Carvalho
Irving, W.
Ruxton (b)
See also Game; Meats
- Burnt-biscuit coffee**
Hardy
See also Drinks
- Butter**
Axtell
**Baker, S. W. (a) p.137
Boner
Byrd, R. E. (a)
Curran
*Dutton
Ellsworth

Butter—Continued

- MacCreagh
- *Maugham (c)
- *Nordenskiöld
- *Ronaldshay
- Seabrook (a)
- *Selous, F. C. (a h)
- *Stanley (b)
- Thomas, B.
- Vachell
- Vambery
- Wyndham
- Younghusband, F.

Butter, Yak

- Rock, J. F. (d)

Buttermilk

- Sadler
- Sinclair

Butter-tree

- Dubois
- Fountain (b)
- St. John, B.
- Sheldon (b)

Cabbage

- Axtell
- Burnaby
- Dickey
- Dunmore
- McFee
- *Nordenskiöld

Pereira

- Reid
- Sadler
- Sinclair
- Walsh
- Wrangell

See also Vegetables

Cacao

- Bates
- Collins, G. N.
- Holland
- LaGorce (b)
- Lee, J.
- Lee, T. F.
- Ober
- Olsson-Seffer, P.
- Simpich (f)

Cactus, or "Indian fig"

- Costa

Cactus, Barrel

- Hornaday (e)

See also Plants

Cakes

- Chapman, O. M.
- *Dickey, H. S.
- Dutton
- Kerr
- Palmer, J.
- Treath

Camphor

- Gomes
- St. John, S. B.

See also Medicine

Candy

- Emerson
- Sinclair

See also Sweets

Cane

- LaGorce (b)

See also Plants

Canned food

See Tinned food

Caraway seed

- Ronaldshay (a)

See also Cereals

Caribou, Dried

- Wilkins (c)

Carrots

- Barnard
- Dunmore
- Sadler
- Young, E.

See also Vegetables

Cashew nut

- Cumming, C. F. G. (c)
- Guenther
- Rice, A. H.

See also Trees

Cassava, Flour or Root

- Abbot (c)
- Bingham (a)
- Crampton
- *Dickey, H. S.
- *Fleming

***Gouldsbury (a)**

- Holt, E. G. (a b)
- Johansen
- Milligan
- Singer
- Tate, G. H. H.
- Ward
- Woodroffe
- Zahm (a b)

See also Farinha;

Mandioca

Cauliflower

- Barnard
- Sadler
- Sinclair

See also Vegetables

Cayenne

- Barnard

See also Pepper

Celery

- Barnard
- Sadler

See also Vegetables

Cereals

- Barnard
- Byrd, R. E. (c)
- Curran
- Emerson
- Madeira

See also Oats; Rye;

Wheat, etc.

Champagne

- Coolidge
- Dutton
- Treath

See also Liquor;

Stimulants

Cheese

- Byrd, R. E. (a)
- Costa
- Dutton
- Emerson
- Galton (c)
- Gore, J. H. (a)
- Hardy
- *Nordenskiöld
- St. John, B.

Sinclair

- *Vachell
- Wells, J. W.
- Young, E. (b)

Cheese-tree

- Dubois

Chicha, drink

- Grubb (b)
- Keller, F.
- Means, P. A.
- Schomburgk
- Zahm (a)

See also Maize

Chicken

- Barnard
- Dutton
- Milligan
- Palmer, J.
- Trinkler

Chicle

- Olsson-Seffer, P.

Chicory

- Barnard

Chili-con-carne

- Corey, H. (a)
- Wallace, D. (d)

See also Food; Mexico

Chillies

- Maxwell, G.
- Morley

See also Food

Chinchona or Cinchona

- Kingston (a)
- Scidmore (b)

See also Food; Medicine;

Peruvian bark

Chocolate

- *Andrews, R. C. (d)
- *Baker, S. W. (b)
- Byrd, R. E. (a)
- *Carpenter, F. G. (d)
- *Dutton
- Evans, G. P.
- *Landor (b)
- McFee
- Morley
- Rice, A. H.
- **Sheldon (b)
- Treath
- Vachell
- Whitehead
- Whitney, C. (c)
- Wilkins (d) p.133

****Sheldon (b)****Treath****Vachell****Whitehead****Whitney, C. (c)****Wilkins (d) p.133****Choke cherries**

- Hardy

Thorn-ton**Chutney**

- Dutton
- Maugham (c)

Cigarettes

- *Andrews, R. C. (d)
- Chapman, O. M.
- *Cron
- Dingle
- *Dutton
- *Glasfurd (b)
- *Guillemand
- Hubbard
- Maxwell, G.

- Seabrook (a)
Smith, A. D.
Treatt
See also Tobacco
- Cigars**
*Arkell-Hardwick
*Dunraven (c)
*Dutton
St. John, B.
Stephens, J. L. (a)
White (b)
See also Tobacco
- Citron**
Dubois
Oulie
Williams, M. O. (i)
See also Melons
- Citronelle**
Priest, C. D.
- Cloud-berries**
DeVeer
Nordenskiöld
Wrangell p 62
See also Fruit
- Coca**
Acosta
*Enock
*Fountain (b d)
Grubb (b)
Kingston (a)
*Rice, A. H.
Shippee
Stevenson
Tschudi
Woodroffe
Zahm
- Cocoa**
*Carpenter, F. G. (d)
*Dutton
*Enock
Fountain (b)
Gibbon (a)
Holland
Hough, T.
*Maugham (c)
Ober
Prodgers
Roosevelt, T & K
Sadler
*Stuck (b)
Sutherland
*Wellby (a)
- Coconut**
*Baker, S. W. (b)
Bickmore
Bock (a)
Brandes
Church, J. W.
Gooding, P.
LaGorce (b c)
*Lumholtz (a)
Murphy, R. C. (d)
Pike, N.
Sadler
Semon
Young, E.
Yule
See also Trees
- Coffee**
***Adams, J. C.
Agassiz
- ***Andersson (a)
Andre
**Andrews, R. C. (d)
**Baker, S. W. (a b)
Barnes
Bickmore
Bingham (a)
*Bock (a)
Bradley (a b c)
Browne, J. R.
*Carpenter, F. G. (d)
Carvalho
Chapin, H. D.
Chapman, A. (b)
Cheney
Cron
Dahl (a)
Darton, N. H. (c)
*Dodge (c)
Doughty
Dubois
*Dunraven (a)
*Dyott (b)
Emerson
*Enock
Evans, G. P.
Ewbank
Forbes
*Galton (a b e)
Gibbon (a)
*Guillemand
Hough, T.
Hubbard
Johnston, H. H. (e—1)
Kennedy, E. B.
Kerr
Lange (a)
Lee, T. F.
*Lumholtz (a)
McFee
*Maugham (c)
Methuen
Mjoberg
Moore, W. R. (e)
Naphegyi
*Nordenskiöld
Ober
Packard
*Patterson (a)
Pellow
Pickett
Pitkin
Popenoe, P. B.
Prodgers
Rankin
*Rice, A. H.
Sadler
St. John, B.
Seabrook (a)
***Selous, F. C. (e)
Sinclair
Singer
Smyth
***Stanley (d)
Stevens, J. L. (a)
Stuck (a)
Sutherland
Sverdrup
*Thomson, Joseph (b)
Treatt
Vachell
- Washburn
*Wells, C. (c)
*Wells, J. W.
White (b)
Whitney, C. (c)
Zahm (a b)
See also Plants; Hygiene
- Condensed food**
Milligan
See also Tinned food
- Copra**
Abbot (c)
Barrett, O. W.
Brandes
Church, J. W.
Gooding, P.
LaGorce (b)
Murphy, R. C. (d)
Rhône
Williams (o)
- Cordial**
Conway (f)
See also Liqueur;
Stimulants
- Corn or Corn-meal**
*Andre
Atkinson (a)
Axtell
Baker, S. W. (a)
Borah
Bryden (e)
Calvert
*Carpenter, F. G. (c)
Corey, H. (b)
Curran
*Dickey
*Dodge (c)
*Dugmore (a)
Fitzroy
Hingston (c)
Huc
Judd, N. M. (e)
LaGorce (b)
*Lewis and Clark
McFee
Markham (c)
*Maugham (c)
Methuen
Morley
Palmer, J.
Prodgers
Roy, L. C. (a)
Sadler
Scott, G. C.
Scriven
Selous, F. C. (b)
*Stebbing (b)
Wallace, D. (c)
Ward, H.
Weston, W. (b)
Wilson, J. C.
Worcester (a)
Zahm
- Corn, Indian**
Andre
Atkinson (a)
*Baker, S. W. (e)
Bryden (e)
Calvert

Crab

Dutton

See also Game; Meats**Crackers**

Cron

Sheldon (b)

Vachell

See also Bread**Cranberries**

Axtell

Dunraven

Hardy

*Mackenzie, A. ch.5

Nordenskiöld

Ossendowski

Sheldon (b)

See also Berries**Cream**

Dickey

See also Milk**Crocodile meat and eggs**

Ellis

Loring

See also Food; Game;
Meat**Cucumbers**

Axtell

Barnard

*Dunmore

Kearney (a)

McFee

Morden, F. H.

Palmer, J.

Reid

Sadler

Thomson, Joseph (b)

See also Vegetables**Currants**

McFee

Naphegyi

*Nordenskiöld

Ossendowski

Townsend, C. W. (c)

Wainemann

Weddell

Wrangell p.62

See also Fruits**Curry-powder**

Maugham (c)

Mjoberg

Custard-apple

Calvert

Gouldsbury (a)

Holland

Dates

Burton (k)

*Carpenter, F. G. (b)

Doughty

Forder, A.

*Gordon, T. E. (b)

*Gouldsbury (a)

Hrdlicka (a)

Kearney (a)

Meakin (b)

Merriam, C. H.

Naphegyi

Nelson, E. W. (c)

St. John, B.

Stephens, J. L. (c)

Thomas, B.

Tschudi

Williams, M. O. (g)

Yule

See also Trees; Fruit**Depouille***See* Buffalo**Dhurra or Durra**

Baker, S. W. (a)

Cooper, M. C.

Millet

See also Corn**Dried fruit**

*Andrews, R. C. (d)

Bradley (a)

Cheney

Curran

Kerr

Lander (b)

Lange (a)

*Selous, F. C. (e h)

*Sheldon (b)

Treant

Vachell

White (b)

Dried meat

Bailey, H.

Barnard

Beebe, W. (b)

Carpenter, F. G. (d)

*Dyott (b)

Fleming

Fountain (b)

Kerr

Milligan

*Nordenskiöld

Rice, A. H.

White (b)

Zahm (a)

Dried vegetables

Boner

Marcy (c)

See also Vegetables**Drink**

Powell (a)

See also Chocolate;

Coffee; Liquor; Milk;

Whiskey, etc.

Durian

Beebe, W. (b)

Bickmore

Forbes

Mjoberg

See also Fruit; Trees**Earth**

Prorok (b)

Torday

See also Food; Savages**Egg-fruit**

Priest, C. D.

Eggplant

Morden, F. H.

Eggs

*Baillie-Grohman (a)

*Cron

DuChaillu (f)

Dutton

Ellis

Emerson

Palmer, J.

Reid

*Saint-Cricq

Seabrook (a)

Trinkler

Elderberry

Fountain (c)

See also Fruit**Elephant-foot**

*Andersson (b)

*Arkell-Hardwick

Foa (b)

Methuen

See also Meat**Elephant-heart**

Selous, F. C. (b g)

Shields (a)

Elephant-trunk

Kerr

See also Game**Entrails**

Dodge (d)

See also Aborigines; Food**Farinha**

Dyott (b)

Fleming

Lange (a)

Rice, A. H.

Smith, H. H

See also Flour; Mandioca**Figs**

Axtell

Baker, R. W.

Bingham (b)

Dunmore

Forbes

Gerard (a)

*Gouldsbury (a)

Kearney (b)

McFee

*Meakin (b)

Nelson, E. W. (c)

Oswald

*Saint-Cricq

*Selous, F. C. (e)

Thomson, Joseph (b)

Tschudi

See also Trees, Fruit**Fish**

Axtell

*Bock (b)

Burnaby

Byrd, R. E. (c)

Cabot

Durand

*Dutton

*Dyott (b)

Milligan

Nordenskiöld

Stefansson (b)

Vachell

Watson

Zahm

Flapjacks

Griggs, R. F. (b)

Flesh, Raw

Dodge (c d)

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*Carpenter, F. G. (b)

Curran

*Dugmore (a)

- *Dunraven
- Dutton
- Galton (c)
- *Lewis and Clark
- *Maugham (c)
- Methuen
- Pike, W. (a)
- Prodgers
- Rockhill (a)
- *Selous, F. C. (h)
- *Sheldon (b)
- Flour-tree**
- Dubois
- See also Food*
- Food**
- See Cereals; Fruit; Meat;*
- Milk; Nuts; Vegetables,*
- etc.*
- Fowl**
- Axtell
- *Bock (b)
- Bird, R. E. (c)
- Thomson, Joseph (b)
- Vachell
- *Vambery
- Wells, J. W.
- White (b)
- Young, E. (b)
- Yule
- Frijole**
- Corey, H. (d)
- Morley
- Frog-legs**
- Gillmore (j)
- See also Food; Game*
- Fruit**
- Axtell
- Barnard
- *Carpenter, F. G. (d)
- Dodge (c)
- Emerson
- *Gouldsbury (a)
- Kerr
- Mjoberg
- Simpich (a)
- Young, E.
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- Bock (b)
- Palmer, J.
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- Elephant; Venison, etc.*
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- Baker, S. W. (a)
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- Burton (k)
- Coville, L. G.
- Dennis, A. P. (a) p 289
- Guillemard (b)
- Young, E.
- Gentian**
- Boner
- See also Vegetables*
- Ghi, Butter**
- Moser, C. K. (b)
- Gin**
- Prodgers
- See also Drink; Liquor,*
- etc.*
- Ginger**
- Baker, S. W. (b)
- McFee
- Young, E.
- Gingerbread**
- Arnold, A.
- See also Bread; Cakes,*
- etc.*
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- Cron
- See also Milk*
- Gooseberry**
- Hardy
- Townsend, C. W. (c)
- Grain**
- Dugmore (b)
- Reid
- Sanderson
- See also Vegetables*
- Grapes**
- Axtell
- Barnard
- Burnes
- *Burton (k)
- *Carpenter, F. G. (b)
- Carvalho
- Dunmore
- Kearney (a)
- McFee
- Nelson, E. W. (c)
- Thomson, Joseph (b)
- Weston, H. F.
- Younghusband, F. (a)
- See also Fruit*
- Grass-seed**
- Carvalho
- Grubs**
- Church, G. E.
- See also Meat*
- Guacharo butter**
- Fountain (b)
- Guava**
- Swingle
- Haggis**
- Galton (c)
- See also Meat; Sheep*
- Ham**
- Collins
- Gouldsbury (b)
- Vachell
- See also Meat; Pork*
- Hashish**
- Von Dumreicher
- Hazelnut**
- Koch, F. J. (a)
- See also Trees; Plants*
- Hippopotamus tail**
- Baker, S. W. (a)
- Loring
- Torday
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- Hominy**
- Palmer, J.
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- Honey**
- **Andersson (a)
- Axtell
- **Baker, S. W. (a e)
- Bisset ch.19
- Brown, W. H.
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- Ober
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- Sadler
- Sinclair
- Sykes, C. A.
- Treatt
- Wells, J. W.
- Wilkins
- *Young, E. (b)
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- Horse**
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- Wrangell
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- Calvert
- Hornaday (d)
- Human flesh**
- Torday
- See also Cannibals*
- Iguano meat**
- Tschiffely
- Intoxicants**
- Borup
- Dodge (c)
- Wrangell p.69
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- No intoxicants used**
- Bailey, H.
- Bentley, R. p.52 v.2
- *Johnston, H. H. (e1)
- *Kinloch
- Makin
- Schillings
- Seabrook (a)
- *Selous, F. C. (d)
- Whitney, H.
- Wilcox (b)
- Ivory-nuts or Tagua**
- Carpenter, F. G. (d)
- Grubb (b)
- See also Nuts; Palm;*
- Panama*
- Jackfruit**
- Fairchild, D. (a)
- See also Fruit*
- Jam**
- *Dickey
- *Dutton
- *Gouldsbury (b)
- Hornaday
- Jackson
- *Maugham (c)

Jam—Continued

- *Selous, F. C. (h)
- Washburn
- Wells, C. (c)
- See also* Luxuries; Sweets

Jambo apple

- Baker, S. W. (b)
- See also* Fruits

Jelly

- Dickey
- Hornaday
- See also* Sweets

Jerked meat

- *Andersson (a)
- *Baker, S. W. (a)
- Galton (c)
- Holder (a)
- Lange (a)
- Lee, T. F.
- MacCreagh
- *Marcy (c)
- Pike, Z.
- *Russell, F. (a)
- *Shields (f)
- Vivian
- Washburn
- White (b)
- See also* Game

Julep

- Dunraven (c)
- See also* Liquor, etc.

Kabob roast

- Dunraven (b)
- Galton (c)
- See also* Meats

Kangaroo-tail soup

- Barnard
- Harrison
- See also* Game

Karita or Vegetable butter

- Dubois
- See also* Food

Ketchup

- Baker, S. W. (b)
- Dutton
- See also* Food

Kola-nut

- Dubois
- See also* Food; Nuts

Kumiss, Mare's milk

- Andrews, R. C. (d)
- Murray p.41
- Wrangell p.168
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Lard

- Curran
- Maugham (c)
- Vachell
- White (b)
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Leek

- Burton (k)
- Nordenskiold
- See also* Vegetables

Lemon

- Axtell
- Tschiffely
- Zahm
- See also* Fruits

Lettuce

- Axtell
- Dunmore
- McFee
- Sadler
- See also* Vegetables

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- Mackenzie, A. p.89

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- Jackson, F. G.
- Melville
- Nelson, E. W. (c)
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- Walsh
- See also* Drinks

Lion steak

- Andersson (a)
- See also* Game; Meats

Liquor

- Andre
- *Burton, R. F. (i)
- *Dunraven (b)
- *Dutton
- Ellis
- Filson p.101
- *Hornaday
- Kinloch
- Pollock
- Scully
- Sutherland
- Trinkler
- Wrangell p.36

Lobster

- Dutton
- See also* Fish

Locust

- Burton (k)
- Cullen
- Galton (c)
- Methuen
- Pellow
- Swingle
- See also* Aborigines; Food

Loquats

- Swingle

Lotus

- Williams, M. O. (g)

Lozenge

- Landor (b)
- See also* Confection; Meat

Macaroni

- Axtell
- Koch, F. J. (a)
- McFee
- Nordenskiold
- See also* Cereals

Madeira

- Prodgers
- See also* Liquor

Maize

- *Bingham (a)
- Brown, W. H
- Calvert
- Forrest, G.
- *Fountain (b)
- Keller, F.
- Kerr
- Madeira
- Pereira
- Rockhill (a)

***Saint-Cricq**

- Shippee
- *Wallace, A. R. (d)
- Ward, H.
- *Wells, J. W.
- Zahm
- See also* Corn

Mandioca or Manioca

- *Dickey
- *Dyott (b)
- Fleming
- Rice, A. H.
- Smith, H. H.
- Swingle
- Torday
- Ward, H.
- Wells, J. W.
- Williams, L.
- Zahm
- See also* Flour

Mango

- Mjoberg
- Swingle
- Young, E
- See also* Fruit

Maple sugar

- Audubon (c)
- Burroughs (c)
- Corey, H. (c)
- Herrick (a)
- See also* Sweets

Marmalade

- *Bradley (a)
- Dutton
- Evans, G. P.
- Gibbon (a)
- Lange (a)
- *Wells, C. (c)
- See also* Sweets

Marrow

- Hardy
- Irving
- See also* Meats

Maya

- Andrews, C. E.
- See also* Honey; Liquor

Meat

- Axtell
- Bruce, J.
- Emerson
- *Galton (c)
- Kerr
- McFee
- *Madeira
- *Maugham (c)
- Nordenskiold
- Prodgers
- Reid
- Roosevelt, T. and K.
- Sadler
- Sinclair
- Stefansson
- Wyndham
- See also* Dried, Jerked, Raw meat

Meat necessary

- White, S. E. (b)

Melons

- Barnard
- Burnaby
- Burnes

- *Dunmore**
 Huc
 Kearney (a)
 Koch, F. J. (b)
***Mjöberg**
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- Mescal**
 Gadow
See also Drink; Vegetables
- Mice**
 Loring
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- Milk, Camel's, Dried, etc.**
 *Baker, S. W. (a)
 Burton (k)
 Byrd, R. E. (a)
 Chapin, H. D.
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 *Dugmore (b)
 *Dutton
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 MacCreagh
 McFee
 *Maugham (c)
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 *Morden (a)
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 *Saint-Cricq
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 *Selous, F. C. (h)
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 *Gouldsbury (a)
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- Mince meat pies**
 Forsyth
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- Molasses**
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 Harley
See also Sweets
- Monkey meat**
 Tschiffely
- Moose tongue and nose**
 Farnham (b)
 Loring
See also Game; Meat
- Morra berries**
 Baker, S. W. (b)
- Mulberries**
 Baker, S. W. (e)
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 Younghusband, F. (a)
See also Fruit
- Mulled port, Wine, Cider**
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- Mustard**
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 Barnard
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 *Nordenskiöld
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- Mutton**
 *Guillemand
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 Ruxton (b)
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 *Sheldon (d)
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- Native food**
 Conway (a)
 *Gouldsbury (a)
 Patterson (a)
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 *Stefansson (b)
See also Cereals; Fruits; Meats; Nuts; Vegetables, etc.
- Nectarines**
 Dunmore
 Lattimore
See also Fruits
- Nitta-tree bark**
 Park, M. (b)
- Nsoga**
 Mecklenburg
- Nutmeg**
 Bickmore
 Forbes
- Nuts**
 Axtell
 Barnard
 Emerson
 Gerard (a)
 *Gouldsbury (a)
 McFee
 Reid
 *Rice, A. H.
 Sadler
 Sinclair
 Torday
 Young, E. (b)
- Olives, Olive oil**
 Emerson
 Fountain (d)
 Kopeloff
 Nelson, E. W. (c)
 Oulie
 *Saint-Cricq
 Sinclair
 Stephens, J. L. (c)
 Tschudi
 Trowbridge
 Weddell
 Young, E. (b)
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- Onions**
 *Baker, S. W. (a b)
 *Burton (k)
 Cane
 Cron
 Dennis, A. P. (a)
 *Dickey
 *Dutton
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 *Maugham (c)
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 Vachell
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- Opium**
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 *Bock (b)
 Dingle
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 *Hedin (k)
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- Oranges**
 Axtell
 Calvert
 Denton
 Dubois
 *Enock
 Holland
 Kearney (a)
 Loti
 Nelson, E. W. (c)
 Oswald
- Oats, Oatmeal**
 Curran
 Ellsworth (c)
 *Filson
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Sadler
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Panocha

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Parched food

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Parsnips

Baker, S. W. (b)
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Pastry

Hassanein
See also Cakes; Sweets

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Dutton
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Pawpaw or Papaya

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Gouldsbury (a)
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*Maugham (c)
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*Galton (c)
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*Ruttledge
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*Baker, S. W. (a b)
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Dutton
Gibbon (a)
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*Hornaday (a)
Johnson, F. E. (a)
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*Maugham (c)
*Mjoberg
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Kerr
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Hardy
See also Biscuit

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LaGorce (b)

Pineapple

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Denton
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McFee
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Smith, H. W. (a)
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*Gouldsbury (a)
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*Younghusband, F. (a)
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*Baker, S. W. (b)
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*Dutton
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 *Dunraven (b)
 Dutton

- Dyott
 Ellsworth (c)
 Emerson
 Fountain (b)
 *Galton (e)
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 Harley
 Huc (a b c)
 *Johnson, Martin (a)
 Kerr
 Kopeloff
 *Landor (b)
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 *Maugham (c)
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 *Nordenskiöld
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 *Rice, A. H.
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 **Selous, F. C. (h)
 **Sheldon (b)
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 *Stefansson (b)
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 *White (b)
 *Wrangell p.49, 98
 *Younghusband, F. (a)
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 Axtell
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- Adams, H. C.
- *Adams, J. C.
- *Andersson (a)
- Andre
- *Andrews, R. C. (d)
- Atkinson (a b)
- *Baillie-Grohman (a)
- Barnard
- Barnes
- Bingham (b)
- **Bock (a c)
- Borup
- Bradley (a)
- Burnham
- Byrd, R. E. (a)
- Carpenter, F. G. (b)
- Carvalho
- Chapman, O. M.
- Cheney
- Cox, E. C.
- *Cron
- Curran
- Dingle
- Dodge (c)
- Doughty
- *Dunraven
- Dutton
- Emerson
- Evans, G. R.
- Fogt
- Fountain (b)
- **Galton (e)
- *Guillemard
- Hardy
- Hassanein (b)
- Hough, T.
- Hubbard
- Huc (a b c)
- Kopeloff
- Landor (b)
- Loring
- McFee
- Maugham (c)
- Melville
- *Nordenskiöld
- Ossendowski
- Packard
- Patterson
- Pellow
- Pickett
- *Pike, W. (a)
- Prodgers
- Rockhill (a)
- Ronaldshay (a)
- Russell, F. (a)
- Sadler
- Selous, F. C. (d e h)
- Semon
- ***Sheldon (c d)
- Simpich (a)
- Sinclair
- Singer
- *Stanley (d)
- **Stuck (a)
- Symington
- Torday
- Treath
- Trinkler
- Vachell

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*Wrangell

Vambery

*Wellby

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Wood, J. N. P.

Young, E.

*Younghusband, F. (a)

Tea (Mate) Paraguay

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Tea, Brick

Rock (d)

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Sheldon, A. L.

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*Cron

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*Dickey

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Savile (b)

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*Stanley (b)

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*Wells, J. W.

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Cron

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*Adams, J. C.

Altenburg

*Baillie-Grohman (a e)

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Barnard

*Bock (b c)

*Bryden (e)

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Burnham

Burrows

*Burton, R. F. (k)

Carvalho

Casati

Coolidge

*Dodge (d)

Doughty

*Dunraven (a)

Emerson

Gerard (a)

*Gouldsbury (a)

Guillemard

Hornaday (a)

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*Huc (a b c)

*Kinloch

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*Maugham (c)

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*Sheldon (b)

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*Stuck (a)

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*Younghusband, F. (a)

*See also Cigarettes;**Cigars, etc.***No tobacco used**

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Seabrook (b)

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- "Tsamba"**
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- Tubers**
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- Tung, Nuts**
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- Tunny-fish**
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- Turnips**
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 Reid
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- Turtle meat and eggs**
 Fleming
 Fletcher ch.24
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- Vanilla**
 Olsson-Seffer, P.
- Vegetable butter**
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- Vegetables**
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 *Carpenter, F. G. (d)
 *Dickey
 *Dodge (c)
 Dutton
 Emerson
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 *Marcy (c)
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 *Saint-Cricq
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- Vermouth**
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- Vinegar**
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- Vomit**
 Melville
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- Walrus**
 Jackson, F. G.
 Nansen
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- Water-container or Girba**
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- Whale-meat**
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 *Fountain (b)
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 *Saint-Cricq
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 *Baillie-Grohman (e)
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 *Dunraven (a)
- *Dutton**
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- *Glasfurd (b)**
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 *Baillie-Grohman (a)
 *Baker, S. W. (e)
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 *Selous, F. C. (b)
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- Yuca or Yucca**
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Section 14—Equipment

References in this division are to things which are not natural. However, the subject-headings have a close relationship to the general compilation and will prove of interest, especially to field naturalists. Information on these subjects is to be found in many of the publications included in the bibliographical lists. The information referred to is interesting and useful to those who wish to have personal contact with natural history in the open. The articles described by the authorities are the ones generally used in field explorations.

- Alaska Shoe-pac**
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 *Cron
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 Gregory, H. E.
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 *Dunraven (b)
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 *Hubback (b)
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*Selous, F. C. (e)

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Savages

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*Andrews (e)

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- Sutton (b)

Holland

- *Baillie-Grohman (b)
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- Koelz
- Mecking
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- Bradley, M. H. (a b)
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Narrative of the surveying voyages of His Majesty's ships, Adventure and Beagle, between the years 1826 and 1836, describing their examination of the southern shores of South America and the Beagle's circumnavigation of the globe under command of Capt. P. Parker King. 3v. Henry Colburn. London. 1839. (Zoology. Geography. Meteorology. Anthropology. Geology. Hygiene. Food. Drink)
- Fitzsimons, Frederick William. 1875-
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References under twenty-nine bird headings, also to mammals.
The monkeyfolk of South Africa. Longmans, Green & Co. London and N.Y. 1924. (Zoology) (b)
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- Flaccus, Septimus
Natural history. A.D. 10. (Zoology. Geography)
- Flack, Capt. ("The Ranger")
The Texan ranger; or, Real life in the backwoods. Darton & Co. London. 1866. (Zoology. Geography. Anthropology) (a)
The Texan rifle-hunter; or, Field sports on the prairie. J. Maxwell. London. 1866. (Zoology. Geography. Anthropology) (b)
Hunting, fishing and Indian experiences in Texas.
A hunter's experience in the southern states of America; being an account of the natural history of the various quadrupeds and birds which are the objects of chase in those countries. Longmans. London. 1866. (Zoology. Geography. Anthropology) (d)
- Flagg, Wilson. 1805-1884
A year with the birds; or, The birds and seasons of New England. Estes and Lauriat. Boston. 1889. (Zoology. Geography) (a)

- The woods and by-ways of New England. J. R. Osgood & Co. Boston. 1872. (b)
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- Fleischmann, Max C.**
After big game in Arctic and Tropic, etc. Jennings & Graham Press. Cincinnati, Ohio. 1909. (Zoology. Geography. Meteorology) (a)
Africa and Alaska.
Seventy-five days in the Arctic. Nat. Geog. Mag. p. 439-46. July 1907. (Zoology. Geography) (b)
- Fleming, Peter. 1908-**
Brazilian adventure. Scribner. N.Y. 1934. (Zoology. Geography. Meteorology. Anthropology. Hygiene. Pests. Arms. Clothing. Food. Drink) (a)
This title is found under fifty subject headings.
One's company. A journey to China. Scribner. N.Y. 1934. (b)
Author spent seven months in China, Mongolia, Manchukuo and Japan.
- Flemming, Leonard**
Call of the veld; story of long and successful efforts of a South African Velt farmer. Hutchinson. London; Holt. N.Y. 1924. (Geography. Anthropology. Pests)
- Fletcher, F. W. F.**
Sport on the Nilgiris and in Wynaad. Macmillan & Co. London. 1911. (Zoology. Geography. Arms)
Leopard man-killer experiences.
- Fletcher, James C. and D. P. Kidder**
Brazil and the Brazilians, portrayed in historical and descriptive sketches. Childs & Peterson. Philadelphia. 1857. (Geography. Anthropology. Hygiene. Pests. Food)
- Flint, Timothy. 1780-1840**
Biographical memories of Daniel Boone, the first settler of Kentucky, interspersed with incidents in the early annals of the country. G. Conclin. Cincinnati. 1840. (Zoology. Geography. Anthropology)
- Flourens, Pierre. 1794-1867**
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- Flower, William Henry. 1831-1899**
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- Floyer, Ernest Ayscoghe, 1852-1903**
Unexplored Baluchistan, etc. Griffith & Farran. London. 1882. (Geography)
Description and travel.
- Foa, Edouard. 1863?-1901**
After big game in central Africa, etc. 1894-97. Adam & Charles Black. London. 1899. (Zoology. Geography. Anthropology. Pests. Arms. Food. Drink)
Foa appears under twenty-eight subject headings in this Index.
- Foght, Harold W. 1869-**
Unfathomed Japan; a travel tale in the highways and byways of Japan and Formosa. Macmillan Co. N.Y. 1928. (Geography. Anthropology. Head-hunters. Drink)
- Folsom, Justus Watson. 1871-1936**
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- Fønhus, Mikkjel. 1894-**
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Romance in Norway.
- Foran, W. Robert**
Tristan da Cunha, isles of contentment. Nat. Geog. Mag. p. 671-94. Nov. 1938. (Geography)
- Forbes, Alexander and others**
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- Forbes, Charles Stuart. 1829-1876**
Iceland; its volcanoes, geysers and glaciers. Murray. London. 1860. (Geography. Meteorology)
Information as indicated by title, including notes on natives and their lives.
- Forbes, Edgar Allen**
Across Central Africa by boat. World's Work. p. 10080-90. April 1908. (Zoology. Geography. Anthropology) (a)
Notes on the only American colony in the world. (Liberia) Nat. Geog. Mag. p. 719-29. Sept. 1910. (Geography) (b)
- Forbes, George. 1840-**
The wonder and the glory of the stars. Dodd, Mead & Co. N.Y. 1926. (Astronomy) (a)
The stars. Cape & Smith. N.Y. 1929. (Astronomy) (No index. 126 pages) (b)
- Forbes, Henry O. 1851-**
A naturalist's wanderings in the Eastern Archipelago. A narrative of travel and exploration from 1878-1883. Harper. N.Y. and London. 1886. (Zoology. Geography. Meteorology. Anthropology. Geology. Hygiene. Pests. Arms. Food. Drink)
Sumatra, New Guinea, Java, Cocoa, Keeling Islands, etc. This title is found under 35 headings in this Index.
- Forbes, J.**
New Zealand Deer heads. Country Life. London. 1924. (Zoology. Geography)
- Forbes, John Ripley**
Wild life in Baffinland. Nature Mag. p. 191-3. April 1939. (Zoology)
- Forbes, Mrs. Rosita**
From Red Sea to Blue Nile, Abyssinian adventure. Macaulay Co. N.Y. 1925. (Geography. Meteorology. Geology) (a)

Forbes, Mrs. Rosita—Continued

The secret of the Sahara: Kufara. George H. Doran Co. N.Y.; Cassell & Co. London and N.Y. 1921. (Geography. Anthropology) (b)

Forbush, Edward Howe. 1858-1929

Birds of Massachusetts and other New England States. 3 vol. Massachusetts Legislature. 1925-29. (Zoology)

Ford, Walter

Hidden valley of the Joshua Tree National Monument. Nature Mag. p. 486-8. Oct. 1938. (Botany)

Forder, Archibald

Arabia, the desert of the sea. Nat. Geog. Mag. p. 1039-62. Dec. 1909. (Geography. Anthropology. Botany. Food and Drink)

Forrest, George

The land of the Crossbow. (Yunnan, China) Nat. Geog. Mag. p. 132-56. Feb. 1910. (Geography. Food and Drink. Anthropology. Botany. Equipment)

Forsyth, James. 1838-1871

The Highlands of Central India, etc Chapman & Hall. London. 1919. (Zoology. Geography. Meteorology. Anthropology. Dendrology. Arms. Food. Drink)

Author was a military officer, successful sportsman, thorough naturalist, with mental attainments, rich in rare experiences, especially with man-eating beasts

Forsyth, Thomas Douglas. 1827-1886

Report of a mission to Yarkund in 1873 under command of T D F., with historical and geographical information regarding the possessions of the Ameer of Yarkund Foreign Dept Press Calcutta 1875 (Zoology Geography)

Forty, C. H.

Bangkok, its life and sport, with some account of Siam's Coastal and Island game areas. Witherby. London 1929 (Zoology Geography Anthropology)

Foshag, William F.

Minerals from earth and sky. (Part 2, Gems and gem minerals p. 165-322) Smithsonian Scientific Series v. 3 Washington, D C 1929 (Geology)

Fothergill, Edward

Five years in the Sudan Hurst & Blackett London 1910 (Geography)

Fountain, Paul

The great deserts and forests of North America. Longmans, Green & Co. London and N.Y. 1901. (Zoology Geography Anthropology. Geology Pests) (a)

The great mountains and forests of South America (1884) Longmans, Green & Co. London and N.Y. 1904 (Zoology Geography. Anthropology. Geology Hygiene. Pests. Arms. Clothing. Food. Drink) (b)

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The great North-west and the Great Lake region of North America. Longmans, Green & Co. London. 1904. (Zoology. Geography. Anthropology. Pests Arms. Clothing. Food. Drink) References under 38 subject headings. (c)

The River Amazon from its sources to the sea. Dodd, Mead & Co. N.Y.; Constable. London. 1914. (Zoology. Geography. Anthropology. Geology. Pests Arms. Food. Drink) (d)

"This book covers the same ground as my former work in South America but the material is nearly entirely new" (See preface). References to this title under 61 headings.

Fowle, Frederick E. 1869-

Atmospheric ozone; its relation to some solar and terrestrial phenomena. Smithsonian Institution. Washington, D.C. 1929 (Miscellaneous collection vol. 81, no 11) (Astronomy. Atmosphere) (a)

The atmospheric scattering of light Smithsonian Institution. Washington, D.C. 1921 (Miscellaneous collection vol. 69, no. 3, p. 2-12) (Atmosphere. Astronomy) (b)

Fowler, William Ward. 1847-1921

Summer studies of birds and books Macmillan. London and N.Y. 1895. (Zoology)

Franchère, Gabriel. 1786-1863

Franchère's narrative of a voyage to the northwest coast (of America) 1811-14; or the first settlement on the Pacific. N.Y. 1854 (See Thwaites, R. G.) (Geography)

Francis, A. B. C. See Bruce, Charles, pseud

Franck, Harry Alverson. 1881-

Tramping through Mexico, Guatemala and Honduras; being random notes of an incurable vagabond Century. N.Y. 1916 (Zoology Geography. Anthropology) (a)

Working north from Patagonia; being the narrative of a journey, earned on the way, through southern and eastern South America Century Co. N.Y. 1921 (Zoology. Geography. Anthropology) (b)

Roaming through the West Indies Century Co. N.Y. 1920. (Geography Anthropology) (c)

Numerous islands noted.

Glimpses of Japan and Formosa. Century Co. N.Y. and London. 1924 (Geography Anthropology) (d)

Roving through Southern China. Century Co. N.Y. and London 1925. (Geography. Anthropology) (e)

East of Siam: ramblings in the five divisions of Indo-China Century Co. N.Y. and London. c 1926 (Geography Anthropology) (f)

The fringe of the Moslem world, etc. Century Co. N.Y. and London. 1928 (Zoology. Geography. Anthropology)

By land from Cairo to Constantinople. (g)

- A Scandinavian summer. Impressions of five months in Denmark, Finland, Sweden, Norway and Iceland. Century Co. N.Y. and London. 1930. (Geography. Anthropology) (h)
- Trailing Cortez through Mexico. F. A. Stokes Co. N.Y. 1935. (Geography. Anthropology) (i)
- Frankham, Fred.**
Shooting in the Himalayas. 1854. (UDM) (Zoology. Geography)
- Franklin, John. 1786-1847**
Narrative of a journey to the shores of the Polar sea, in the years 1819-22. J. Murray. London. 1824. (Zoology. Geography. Meteorology)
Mammals noted by Joseph Sabine.
- Franklin, John and Richardson, John**
Narrative of a second expedition to the shores of the Polar sea, in the years 1825-27. London and Philadelphia. 1828. (Geography. Meteorology)
- Fraser, David**
A tour of Mongolia, with an introduction bearing on the political aspect of that country. Methuen & Co. London. 1920. (Geography. Anthropology)
- Fraser, Douglas Clifford**
Through the Congo Basin: Numerous observations on interesting objects of natural history. H. Jenkins. London. 1927. (Zoology. Geography. Anthropology) (a)
Impressions: Nigeria, 1925. Herbert Jenkins. London. 1926. (Zoology. Geography. Anthropology) (b)
Notes on game mammals, birds, flowers, natives.
- Fraser, Edwin R.**
Where our bananas come from. (Costa Rica) Nat. Geog. Mag. p. 713-30. July 1912. (Geography. Botany. Food and Drink)
- Fraser, James Baillie. 1783-1856**
On the banks of the Caspian Sea. Before 1833. See (c), (d) (UDM) (Geography) (a)
Travels in Koordistan, Mesopotamia, etc., including an account of parts of those countries hitherto unvisited by Europeans, with sketches of the character and manners of the Koordish and Arab tribes. R. Bentley. London. 1840. (Geography. Anthropology) (b)
An historical and descriptive account of Persia from the earliest ages to the present time, etc. Harper. N.Y. 1842 and 1871. (Zoology. Geography. Anthropology. Zoology. Pests) (c)
Mesopotamia and Assyria, from the earliest ages to the present time, etc. 1841. Oliver & Boyd. Edinburgh; Simpkins & Marshall. London. 1846; Harper. N.Y. 1865. (Zoology. Geography. Anthropology) (d)
References under 38 headings for mammals, including Asiatic lion.
- Fraser, Samuel**
American fruits; their propagation, cultivation, harvesting and distribution. Orange Judd Pub. Co. N.Y. 1927. (Botany)
- Fraser, Thomas Gamble. 1807-1878**
Records of sport and military life in W. India. W. H. Allen & Co. London. 1881. (Zoology. Geography)
Interesting notes on tiger.
- Fraser-Harris, D. F. 1867-**
The A B C of nerves. Alfred A. Knopf. New York. 1929. (Hygiene. Health)
- Freeman, Lewis R.**
The mother of rivers. The great Columbia ice field of the Canadian Rockies. Nat. Geog. Mag. p. 377-446. April 1925. (Geography) (a)
Trailing history down the big muddy. (Missouri River) Nat. Geog. Mag. p. 73-120. July 1928. (Geography. Anthropology) (b)
- French, George H. 1841-**
Butterflies of the Eastern United States. J. B. Lippincott Co. Philadelphia. 1886. (Zoology)
- French, Joseph Lewis, ed. 1858-**
The pioneer West; narrative of the westward march of empire, selected and edited by J. L. F., etc. Little, Brown. Boston. 1923.
French saw 3000 buffalo at one glance (p. 8) and tells of other interesting frontier events.
- Freshfield, Douglas W. 1845-**
Round Kangchenjunga; a narrative of mountain travel and exploration. (See Himalaya Mountains, Asia) Arnold. London. 1903. (Geography) (a)
The exploration of the Caucasus. Arnold. London and N.Y. 1896. (Geography)
Author was president of the Alpine Club. (b)
- Friedmann, Herbert. 1900-**
Birds collected by the Childs Frick expedition to Ethiopia and Kenya Colony. Smithsonian Institution-Bulletin 153. Washington, D.C. 1930. (Geography. Zoology)
Popular names of species not given. (a)
The cowbirds. Charles C. Thomas. Springfield, Illinois. 1929. (Zoology) (b)
- Friis, Jens Andreas. 1821-1896**
Sporting life in Norwegian fields. Woolwich. 1878. (Zoology. Geography) (a)
Lajla, a tale of Finnmark. (Translated from Norwegian) Putnam. N.Y. and London. 1888. (Geography) (b)
- Frost, John. 1800-1859**
Wild scenes of the hunter's life; or, The hunting and hunters of all nations, including Cumming's and Girard's adventures. Lee & Shepard. Boston and N.Y. 1873. (Zoology. Geography) (a)
Thrilling adventures among the Indians; comprising the most remarkable personal narratives of events in the early Indian Wars, as well as of incidents

- Frost, John**—*Continued*
in the recent Indian hostilities in Mexico and Texas. J. W. Bradley. Philadelphia. 1849. (Zoology. Geography. Anthropology) (b)
- Frost, S. W.**
The food of *Rana Catesbeiana* Shaw. Copeia. p. 15-18. Ann Arbor, Mich. April 10, 1935. (Zoology. Amphibians)
- Frothingham, Robert**
Walrus hunting with the Eskimo. *See* Blossom p. 125-37. (Zoology. Anthropology)
- Frye, Theodore C.** 1869-
Ferns of the Northwest. (U.S.) Metropolitan Press. Portland, Oregon. 1934. (Botany)
- Fuertes, Louis Agassiz**
Falconry, the sport of kings. Nat. Geog. Mag. p. 429-60. Dec. 1920. (Zoology. Geography) (a)
American birds of prey—A review of their value. Nat. Geog. Mag. p. 460-8. Dec. 1920. (Zoology) (b)
- Fuertes, Louis Agassiz and E. H. Baynes**
Our common dogs. Nat. Geog. Mag. p. 201-53. March 1919. (Zoology) (c)
- Fulanain (pseud.)**
The marsh Arab, Haji Rikkan. Lippincott. Philadelphia. 1928. (Geography. Anthropology)
- Fullerton, Edith Loring**
The book of the home garden. D. Appleton. N.Y. and London. 1919. (Botany)
- Funkhouser, William D.** 1881-
Wild life in Kentucky: the reptiles, birds, mammals, etc. Kentucky Geological Survey. Frankfort. 1925. (Zoology. Geography. Geology)
- Fyleman, Rose.** 1877-
Monkeys. Thomas Nelson & Sons. New York. 1936. (Zoology)
No index. *See* contents for page nos.
- Gadow, Hans Friedrich.** 1855-1928
Through Southern Mexico, being an account of the travels of a naturalist. (In 1902-04) Scribner. N.Y. 1908; London. Witherby & Co. (Zoology. Geography. Meteorology. Anthropology. Geology. Hygiene. Pests. Food. Drink)
Gadow is found under 51 subject headings. (a)
Amphibia and reptiles. Macmillan & Co., Ltd. London. 1901. (Zoology) (b)
- Gage, Simon Henry.** 1851-
The microscope; an introduction to microscopic methods and to histology. Comstock Publishing Co. Ithaca, N.Y. 1917. (Microscopic life)
- Gager, C. Stuart**
The plant world. University Society. N.Y. 1931-33. (Botany)
- Galton, Francis.** 1822-1911
Narrative of an explorer in tropical South Africa, being an account of a visit to Damaraland: J. Murray. London. 1853; Ward, Lock & Co. 1891. (Zoology. Geography. Meteorology. Anthropology. Hygiene. Battery. Food. Drink)
Galton makes interesting observations on mammals and natives. He hunted with C. J. Andersson, whom he refers to as being a hunter, explorer, cattle-trader, merchant, traveler and naturalist. He finds that salt is not a necessity of life and cites several instances. (p. 111) Hottentots and game care little for salt and New Zealand tribes dislike salt. Andersson makes a similar observation (See Lake N'Gami) relative to the use of salt in food. (a)
Sport etc. in Damaraland. (See (a), (c), (d), (e)) (Zoology. Geography. Anthropology) (b)
Art of travel; or, Shifts and contrivances available in wild countries. J. Murray. London. 1855. (c)
This Galton entry will be found under 66 subject headings in this Index, including references to equipment, arms, food, drink, disease, medicines, and to other authors as authority on such subjects. As previously referred to (see a) salt is not considered a necessity to human existence. (c)
Hereditary genius; an inquiry into its laws and consequences. Appleton. N.Y. 1871. (Zoology. Anthropology) (d)
Memories of my life. Methuen. London. 1908; E. P. Dutton & Co. N.Y. 1909. (Zoology. Geography. Anthropology. Hygiene. Food. Drink) (e)
Knowing observations on many interesting and useful things in nature.
- Gander, Frank F.**
Observations on an alligator lizard. Copeia. p. 14-15. Ann Arbor, Mich. March 31, 1931. (Zoology. Reptiles)
- Gardner, Mrs. Alan**
Rifle and spear with the Rajpoots; being the narrative of a winter's travel and sport in Northern India. Chatto & Windus. London. 1895. (Zoology. Geography)
- Gardner, George.** 1812-1849
Travels in the interior of Brazil principally through the northern provinces and the gold and diamond districts. (During the years 1836-41). Reeve, Benham & Reeve. London. 1849. (Geography. Anthropology. Geology)
- Gardner, Irvine C.**
Crusoes of Canton Island. Nat. Geog. Mag. p. 749-66. June 1938. (Zoology. Geography. Geology. Astronomy)
- Garner, R. L.**
Speech of monkeys. C. L. Webster & Co. N.Y. 1892. (No index. *See* contents chapters) (Zoology)
- Garrish, Willard P.**
The universe of stars. *See* Shapley, Harlow. (Astronomy)
- Gathorne-Hardy, Alfred Erskine.** 1845-
My happy hunting ground, with notes on sport and natural history. (See (b)) (Zoology) (a)

- Autumns in Argyllshire with rod and gun. Longmans, Green & Co. London. 1901. (Zoology. Geography) (b)
- The salmon, with chapters on the law of salmon-fishing, etc. Longmans, Green & Co. London and N.Y. 1898. (Zoology) (c)
- Gathorne-Hardy, G. M. 1878- and Prichard, H. H.**
Through trackless Labrador. See Prichard (a)
- Gathorne-Hardy, G. M.**
Norway. Scribner. N.Y. 1925. (Geography) (b)
- Gatti, Attilio**
Great mother forest. Scribner. N.Y. 1937. (Zoology. Anthropology. Geography. Food and Drink. Paleontology) (a)
- Congo okapi. Nature Mag. p. 15-18. July 1937. (Zoology. Anthropology. Geography) (b)
- Congo bongo. Nature Mag. p. 80-2. Aug. 1937. (Zoology) (c)
- Gay, Frederick P.**
Agents of disease and host resistance. C. C. Thomas, Springfield, Illinois. Baltimore, Maryland. (Microscopy)
- Gayer, Jacob**
Dominican Republic: Hispaniola rediscovered. Nat. Geog. Mag. p. 80-112. Jan. 1931. (Geography. Botany)
- Geddie, J.**
The lake region of Central Africa: a record of modern discovery. London. 1883. (Geography)
- Geikie, John Cunningham. 1824-1906**
Adventures in Canada; or, Life in the woods. Porter & Coates. Philadelphia. 1882. (Zoology. Geography)
- Geiser, Karl Frederick**
Peasant life in the Black Forest. Nat. Geog. Mag. p. 635-49. Sept. 1908. (Geography. Botany)
- Gerard, Cecile Jules Basile. 1817-1864**
La chasse au lion. Michel Lévy Frères. Paris. 1842-71. (Zoology. Geography. Meteorology. Anthropology. Battery. Food. Drink) (a)
- Life and adventure of Jules Gerard. London. 1856. (Zoology. Geography) (b)
- Lion hunting and sporting life in Algeria. Addey & Co. London. 1856. (Zoology. Geography. Battery. Food. Drink) (c)
- The adventures of Gerard, the lion killer, comprising a history of ten years' campaign among the wild animals of Northern Africa. Derby & Jackson. N.Y. 1856-57. (Zoology. Geography) (d)
- Theodore Roosevelt held that some of the Gerard lion experiences are fictitious.
- Gerstacker, Frederick W. C. 1816-1872**
Wild sports in the Far West. G. Routledge & Co. London and N.Y. 1854. (Zoology. Geography)
- Early picture of pioneer life in western U.S.
- Geske, E. J. and W. J. Showalter**
Familiar grasses and their flowers. Nat. Geog. Mag. p. 625-36. June 1921. (Botany)
- Gething, Peter**
Carolina reptiles. Nature Mag. p. 317-19, 338-9. May 1931. (Zoology)
- Gibbons, Alfred St. Hill. 1858-1916**
Africa from south to north through Marotseland. (A prosaic narrative) John Lane. London and N.Y. 1898 and 1904. (Geography. Battery. Food. Drink) (a)
- Exploration and hunting in Central Africa. Methuen & Co. London. 1898. (Zoology. Geography. Meteorology. Geology. Hygiene) (b)
- Notes on man-eating lion. Ch. 12, 17.
- Gibson, Ashley**
The Malay peninsular and archipelago. J. M. Dent & Sons. London. 1928. (Geography)
- Gifford, John**
The Florida Keys. Nat. Geog. Mag. p. 5-16. Jan. 1906. (Botany. Geography. Zoology)
- Gilbert, Lydia Northrop**
Our most popular trees. Their bark, leaves, flowers and fruit. Geo. Sully & Co. N.Y. 1929. (Botany. Trees)
- References made to Gilbert under 48 tree headings. See Author's index with page numbers.
- Gilder, William Henry. 1838-1900**
Schwatkas search: sledging in the Arctic in quest of the Franklin records. (An account of an overland journey made in 1879-80 by Schwatka, from Daly Bay, near Chesterfield Inlet, Hudson Bay, to King Williams Land and return) Scribner. N.Y. 1881. (Zoology. Geography. Meteorology)
- Giles, Dorothy**
The road through Czechoslovakia. Penn. Pub. Co. Philadelphia. 1930 (a)
- Used for geographical references only.
- The little kitchen garden. Little, Brown & Co. Boston. 1926. (Botany) (b)
- Gill, Mrs. Richard C.**
Mrs. Robinson Crusoe in Ecuador. Nat. Geog. Mag. p. 133-72. Feb. 1934. (Geography. Botany. Food and Drink. Equipment. Geology. Anthropology)
- Gill, William John. 1843-1882**
The river of golden sand. The narrative of a journey through China and Eastern Tibet to Burmah. J. Murray. London. 1880. (Geography. Zoology. Anthropology. Geology. Hygiene. Food. Drink. Flowers. Fruits. Plants. Vegetables. Trees)
- Gilliard, E. Thomas**
Bird men courageous. Natural History. p. 480-90. Sept. 1937. (Zoology)
- Gilliland, Theodore R. 1903- and others**
Characteristics of the ionosphere and their application to radio transmission. Journal of Research of the National Bureau

- Gilliland, T. R. and others—*Continued*
of Standards, U.S. Department of Commerce, vol. 18, no. 6, Washington, D.C. 1937. (Atmosphere)
- Gillmor, Frances and L. W. Wetherill
Traders to the Navajos. The story of the Wetherills of Kayenta (1872-) Houghton, Mifflin Co. Boston. 1934. (Geography. Anthropology)
- Gillmore, Parker ("Ubique")
Gun, rod and saddle. Personal experiences. Townsend & Adams. London. 1869. (Zoology. Geography. Shooting, fishing and hunting) (a)
Prairie and forest, etc. (Adventures in North America) Harper. N.Y. and London; Chapman & Hall. London. 1874. (Zoology) (b)
Lone life: A year in the wilderness. Chapman & Hall. London. 1875. (c)
Adventures afloat and ashore. 2v. Hurst & Blackett. London. 1875. (Zoology. Geography) (d)
Author visited American cities.
Travel, war and shipwreck. (In Western North America) Griffith & Farran. London. 1880. (Geography) (e)
The hunter's Arcadia. Chapman & Hall. London. 1886. (Zoology. Geography. Anthropology. Pests) (f)
Found in South Africa.
Days and nights by the desert. Kegan, Paul, Trench & Co. London. 1869, 1888. (Geography. Meteorology) (g)
Reference to Kalahara Desert, South Africa.
Leaves from a sportsman's day book. Gibbings & Co. London. 1893. (Zoology. Geography) (h)
Reference to large African mammals.
Adventures with wild beasts. (In Asia, Africa and North America) 4th ed. Gibbings & Co. London. 1896. (Zoology. Geography) (i)
A Hunter's adventures (See (n)) (j)
Through Gasa land and the scene of the Portuguese aggression; the journey of a hunter in search of gold and ivory. Harrison & Sons. London. 1890. (Geography. Meteorology) (k)
The great thirst land, etc. Cassell, Peter & Galpin. London. 1878. (Zoology. Geography. Pests) (l)
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- Flower, S. S.**
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The Snake River Canyon. *Geographical Review*. p. 597-608. Oct. 1938. (Geology. Botany. Geography)
- Frost, Harriet**
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- Fullerton, Alice**
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- Gilliard, Thomas**
A "lost" German colony—Hidden away from the world in the Andean highlands of Venezuela, etc. *Natural History*. p. 7-13. June 1939. (Zoology. Botany. Geography) (See other title by Gilliard)
- Ginsburg, S.**
Hodgkin's disease. *Hygeia*. p. 152-4. Feb. 1939.
- Gloyd, Howard K.**
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- Goldstein, Hyman**
Enzymes, dictators of the digestive system. *Hygeia*. p. 37-9. Jan. 1939.
- Goodwin, George G.**
Freshman year in Africa (in game fields). *Natural History*. p. 272-83. Nov. 1938. (Zoology. Geography. Anthropology) (See other titles by same author)
- Granger, Walter**
Medicine bones (collected in China). *Natural History*. p. 264-71. Nov. 1938. (Paleontology. Geology. Zoology)
- Gregory, William K.**
An evolutionist goes shell hunting (in New Zealand and Australia). *Natural History*. p. 203-12. Nov. 1939. (Fishes. Marine life. Geology) (See other title by same author)
- Guberlet, M. L.**
Animals of the seashore. *Metropolitan Press. Portland, Ore.* 1936 (Marine life. Fishes) (See other title by Guberlet)
- Gunter, Gordon**
Notes on invasion of fresh water by fishes of the Gulf of Mexico. *Copeia*. p. 69-72. June 30, 1938
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- Hanson, Earl Parker**
Journey to Manãos. (Amazon and Orinoco basins and their Indian aborigines) *Reynal & Hitchcock. N.Y.* 1938. (Anthropology. Geography)
- Harley, G. W.**
Roads and trails in Liberia. *Geographical Review*. p. 447-59. July 1939. (Geography. Anthropology. Botany. Meteorology)
- Hartwell, H. A. 1874-**
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- Hausman, Leon Augustus**
Furs under the microscope. *Nature Mag.* p. 501-2. Nov. 1939.
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- Henshall, James A.**
Camping and cruising in Florida. Robert Clark & Co. Cincinnati, Ohio. 1884. (Birds, Botany, Fishes, Mammals, Geology, Geography, Anthropology, Equipment, Food and Drink) (See other title by Henshall)
- Herns, William B. 1876-**
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- Hildebrand, J. R.**
Our most versatile vegetable product (rubber). *Nat. Geog. Mag.* p. 143-200. Feb. 1940. (Botany. Equipment) (See other titles by same author)
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- Hodge, Henricks**
Flagpole sitters (Climbing plants). *Natural History*. p. 291-7. Nov. 1938 (Botany) (See other title by same author)
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An investigation of the prospect for white settlement in British Guiana. *Geographical Review*. p. 622-42. Oct. 1939. (Geography. Anthropology. Botany. Vegetables. Fruits. Hygiene. Geology)
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Air conditioning in summer and winter. McGraw-Hill, New York, London. 1938. (Hygiene. Atmosphere)
- Hrdlička, Aleš. 1869-**
The skeletal remains of early man. *Publ. No. 3033. Smithsonian Miscellaneous Collections*. Vol. 83. 1930. (379p.) (Anthropology) (See other titles by Hrdlička)
- Hurley, Richard J. comp.**
Key to the out-of-doors, etc. H. W. Wilson Company. N.Y. 1938. (Astronomy. Meteorology. Geology. Botany. Zoology. Equipment)
- Hylander, Clarence J. 1897-**
The world of plant life. Macmillan. N.Y. 1939. (Botany) (Detailed information on 2,000 species of plants)
- Jacobson, E. 1888-**
You can sleep well; the A B C's of restful sleep for the average person. (269p. illus.) McGraw-Hill. N.Y., London. 1938. (Hygiene)
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- Jarvis, C. S.**
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Africa's lost tribes in South Africa. *Natural History*. p. 209-15, 232. April 1939. (Anthropology. Geography)
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- Kaufman, Samuel I.**
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Whales, giants of the sea. *Nat. Geog. Mag.* p. 35-90. Jan. 1940. (Mammals. Fishes) (35 whale, porpoise and dolphin species are described by the author and illustrated by Else Bostelmann) (See other titles by Dr. Kellogg)
- Kerbey, McFall**
Behind Netherlands sea ramparts. *Nat. Geog. Mag.* p. 255-90. Feb. 1940. (Geography)
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- Kolmer, John A.**
Blood tests for syphilis. *Hygeia*. p. 142-4. Feb. 1939.
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The book of fishes. National Geographic Society. Washington, D.C. 1939. (231 fish species are depicted)
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Polynesia's coconut. *Nature Mag.* p. 116. Feb. 1940. (Botany. Food and Drink. Equipment) (See other titles by Laing)
- Lamb, Frank H.**
Sagas of the evergreens, etc. (Trees) W. W. Norton & Co. N.Y. 1938. (Botany)
- Lee, Oliver Justin. 1881-**
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- Legendre, Sidney J.**
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That right-sided pain. *Hygeia*. p. 200-2. March 1939.
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The story of the lodestone. *Natural History*. p. 201-7. Oct. 1938. (Geology) (See other title by same author)
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On Danish by-lanes. *Nat. Geog. Mag.* p. 1-34. Jan. 1940. (Geography. Geology. Zoology)
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What a headache! *Hygeia*. p. 222-4. March 1939.
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Ferns, the adaptable. *Natural History*. p. 284-90. Nov. 1938. (Botany)
- McKenny, Margaret and Johnston, Edith F.**
A book of wild flowers. Macmillan Co. N.Y. 1939. (Botany)
- McKinnon, Belle**
The family helps the spastic child. *Hygeia*. p. 725-8. Aug. 1939.
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Earth's green mantle; plant science for the general reader. Macmillan Co. N.Y. 1939. (Botany)
- Mason, Bernard S. 1896-**
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- Matlin, D. R.**
Growing plants without soil, etc. Chemical Publishing Company. N.Y. 1939. (Botany)
- Medsger, Oliver Perry. 1870-**
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- Meigs, Peveril, 3rd**
Water planning in the great central valley, California. *Geographical Review*. p. 252-73. April 1939. (Meteorology. Geology. Botany)
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Fragile creatures of the deep (Hydroids, etc.) *Natural History*. p. 243-55. Nov. 1938. (Marine life. Microscopic life. Fishes) (See four other titles on marine life by Miner)
- Mohr, Charles E.**
I explore caves. *Natural History*. p. 190-204. April 1939. (Geology. Zoology) (See other titles by Mohr)
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Serengeti (Tanganyika Africa). Scribner. N.Y. (Zoology)
- Moore, Merrill**
Nervous fatigue. *Hygeia*. p. 779-82. Sept. 1939.
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What shell is that? A guide to the shell-bearing mollusks of eastern North America. D. Appleton-Century Co. N.Y., London. 1939. (Marine life) (See other titles by Morris)
- Mosauer, Walter**
The toleration of solar heat in desert reptiles *Ecology*. vol. 17. p. 56-66. Ja. 1936 (See other titles by Walter Mosauer)
- Moyer, J. A. (1875-) and Fittz, R. U.**
Air conditioning. (2d ed. 455p.) (McGraw-Hill. N.Y., London. 1938. Hygiene. ology. Equipment)
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Lessons in museum taxidermy. Published by the author. Chicago. 1939. (Zoology. Equipment)

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- Needham, P. R. and Rayner, H. John**
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Copeia. p. 31-8. March 9, 1939.
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Ithaca, N.Y. 1938. (Fishes)
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Data on size, growth and age in the box
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- Range and homing of individual box
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- Novak, Emil**
Cancer, its cause and prevalence. Hygeia.
p. 819-21. Sept. 1939.
- Oberholser, Harry C.**
The bird life of Louisiana (430 species).
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- O'Reilly, John**
South Florida's amazing everglades. Nat
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pology. Birds)
- Palmer, E. Laurence**
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80 Dec. 1939. (18 species are de-
scribed) (See other titles by Palmer)
- Some common food and game fishes.
Nature Mag. p. 325-32. June-July.
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- The life histories of thirty varieties of
fishes are given (See other titles by
Palmer)
- Some common fresh-water insects. Nature
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- In this short article will be found brief
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- Some common marine animals. Nature
Mag. p. 93-100. Feb. 1940 (Sixteen vari-
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Unclimbed New Zealand; Alpine travel in
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The mastoid menace. Hygeia. p. 116-18, 159.
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- In the days of the giants (Trees). Natural
History. p. 144-8. Oct. 1939. (Botany.
Trees)
- Pickwell, Gayle Bogg**
Birds. Whittlesey House. N.Y. 1939.
(Ornithology)
- Deserts (American). Whittlesey House.
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A guide to the snakes of Uganda.
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depicted)
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Recent explorations in the polar regions.
Geographical Review. p. 303-9. April
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- Polowe, David.** 1893-
The home book of medicine (581p)
Greenberg. N.Y. 1938 (Hygiene)
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Primitive intelligence and environment.
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(325p) Macmillan N.Y. 1937. (An-
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- Ratcliff, J. D.**
The badge of protection. Hygeia. p. 584-
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Prehistoric life. Harvard University
Press. Cambridge, Mass. 1939. (Pale-
ontology. Geology. Zoology)
- Reed, Dudley B.** 1878-
Keep fit and like it. Whittlesey House
Health Series, Morris Fishbein, Editor.
(325p.) McGraw-Hill. N.Y., London.
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- Renouf, L. P.**
Animal life on the seashore. George
Routledge & Sons. London. 1930.
(Fishes. Marine life)

- Ricketts, E. F. and Calvin, Jack**
Between Pacific tides, etc. Stanford University Press. Stanford University, California. 1939. (Fishes. Marine life) (500 species described)
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Wonder of the sea: shells. B. T. Batsford. London. 1937. (Marine life)
- Robey, W. H. (1870-) Ed.**
Health at fifty. (299p. illus.) Harvard Univ. Press. Cambridge, Mass. 1939. (Hygiene)
- Rodman, J. Stewart**
Cancer of the breast. *Hygeia* p. 56-8 Jan. 1939.
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Taking care of the family's health; a teaching guide for rural classes 612p. illus. Madison College, Tenn. Rural Press. N.Y. 1938
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Bolivia's water power resources. *Geographical Review*. p. 41-63. Jan. 1940. (Geography. Geology. Meteorology. Anthropology)
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South with the birds. A record of human migration to the sunny south. *Nature Mag.* p. 457-60. Oct. 1938
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The road to man. *Natural History*. p. 212-22. Oct. 1938. (Paleontology. Zoology) (See other title by same author)
- Schmidt, Karl P. 1890-**
Homes and habits of wild animals. M. A. Donohue & Co. Chicago 1934. (Zoology)
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- Schrenkeisen, Raymond M. 1894-1936**
Field book of fresh-water fishes of North America north of Mexico. G. P. Putnam's Sons. N.Y. and London 1938
- Schultz, C. Bertrand**
The first Americans. *Natural History*. p. 346-56, 378. Dec. 1938. (Paleontology. Anthropology. Geology. Zoology. Botany)
- Schulz, Cecilia L.**
How to enjoy ill health. (194p. illus.) McGraw-Hill. N.Y., London. 1938. (Hygiene)
- Sevringhaus, Elmer L.**
A woman faces fifty. *Hygeia*. p. 685-8, 672. Aug. 1939.
- Shapiro, Sidney**
Fishing for fatbacks (Menhaden). *Natural History*. p. 164-70. March 1939.
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Down the Rio Grande. Tracing this strange, turbulent stream on its long course from Colorado to the Gulf of Mexico. *Nat. Geog. Mag.* p. 415-54. Oct. 1939.
This is one of the author's most interesting short stories. It provides information on geology, geography, paleontology, anthropology, botany and zoology. (See other titles by Simpich)
- Skinner, George A.**
Wonder stories of the human machine. *Hygeia*. p. 140-4, 178 Feb. 1940. (Hygiene)
- Slesinger, H. A.**
The allergic child. *Hygeia*. p. 704-6. Aug. 1939.
- Small, John Kunkel. 1869-1938**
Ferns of the southeastern states, etc. Science Press Print. Co. Lancaster, Pennsylvania. 1938. (Botany) (See earlier title by Small)
- Smith, Helen N. and Coops, H. L.**
Physical and health education; principles and procedures. (325p.) *Am. Bk. Co.* N.Y. 1938. (Hygiene)
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The Fauna of British India. Taylor & Francis. London. 1931, 1935. (Vol. I. Crocodilians & turtles; Vol. 2. Lizards)
- Snedigar, Robert**
Our small native animals; their habits and care. Random House. N.Y. 1939. (Mammals. Birds. Amphibians)
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Middle age is what you make it. Grey-stone Press. N.Y. 1938. (Hygiene)
- Soper, J. Dewey**
Wood Buffalo Park. Notes on the physical geography of the park and its vicinity. *Geographical Review* p. 383-99. July 1939. (Zoology. Botany. Geology. Geography)
- Spillman, Ramsay**
It floats through the air. *Hygeia*. p. 587-9. July 1939
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Frequency of skin shedding in snakes. *Copeia* p. 227-9. Dec. 1939. (Reptiles)
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The disappearance of the Greenland Colony. *Natural History*. p. 7-12, 34-7. Jan. 1939. (Geography. Anthropology. Food and Drink) (See other titles by same author)
Iceland, the first American Republic. Doubleday, Doran & Co. N.Y. 1939. (Polar regions)
Unsolved mysteries of the Arctic. Macmillan Co. N.Y. 1938. (Polar regions. Anthropology. Meteorology. Food and Drink. Equipment)
- Stejneger, Leonard and Barbour, Thomas**
A check list of North American amphibians and reptiles. Harvard University Press. Cambridge, Mass. 1939. (4th ed. 687 species listed) (See other titles by same authors)

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Marvels of insect life; a popular account of structure and habit. R. M. McBride & Co. N.Y. 1938. (Zoology)

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A synopsis of the Amphibia of California. University of California Press. Berkeley, California. 1925. (Amphibians)

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The Bursa region of Turkey. Geographical Review. p. 81-100. Jan. 1939. (Geography. Geology. Botany. Meteorology. Zoology. Food and Drink)

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The unvanishing Navajos. Dorrance & Company. Philadelphia. 1938. (Anthropology)

Sutton, Richard L. Jr.

What is cancer? Hygeia. p. 311-13. April 1939.

Swartout, H. O. 1888-

Home guide to health. (Home Guide Ser Vol. IV) Pacific Press Pub. Co. Mountain View, California. 1938 (Hygiene)

Sweeny, Miriam Townsend

After 40. Hygeia. p. 323-4. April 1939.

Synge, Patrick M.

Mountains of the Moon, etc. (Mt Ruwenzori, Central Africa) Dutton. N.Y. 1937. (Geology. Botany. Zoology)

Takats, Geza De

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Auyantepui. Notes on the Phelps Venezuelan Expedition. Geographical Review. p. 452-74. July 1938. (Geology. Geography. Botany. Meteorology) (See other title by Tate)

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Sea to Sahara: Settlement zones in Eastern Algeria. Geographical Review. p. 177-95. April 1939. (Geography. Botany. Geology) (See earlier titles by Taylor)

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Black Knights (In Africa's Cameroons). Natural History. p. 256-63, 309-10, 314. Nov. 1938. (Anthropology. Geography. Equipment) (See authors' other titles on the subject)

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Seedless plants. American Education Press. Columbus, Ohio. 1939. (Botany)

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French Indo-china. (517p.) Macmillan. N.Y. 1937. (Geography. Anthropology)

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Beneath the surface; the cycle of river life. Scribner. N.Y.; Country Life. London. 1938. (Fishes. Marine life)

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Amphibians and reptiles of Eastern Quebec. Copeia. p. 117-25. Sept. 24, 1938.

Trewartha, Glenn T. 1896-

An introduction to weather and climate. McGraw-Hill. N.Y. and London. 1937. (Meteorology. Atmosphere)

Turner, Clair E. 1890-

Personal and community health. (652p. illus.) Mosby. St. Louis 1939. (Hygiene)

Principles of health education. Heath. Boston, N.Y. 1939. (Hygiene)

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Feathered jackasses. The penguins of the South African islands. Nature Mag. p. 489-92 Nov 1939.

An exceptional and scientifically interesting instance where an inhabitant of polar regions is found at home in warm waters.

Ungern-Sternberg, Irina

Estonia. At Russia's Baltic gate. Nat. Geog. Mag. p. 803-34. Dec. 1939. (Geography. Botany. Geology)

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By their arts you shall know them. (Native artists) Natural History. p. 268-77. May 1939. (Anthropology. Geography)

The twilight of the Aztec civilization. Natural History. p. 38-46. Jan. 1939. (Anthropology)

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FINAL SUMMARY

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